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# LIST OF PARTS



## MACHINES

Nos. 44-4, 44-7 and 44-25

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THE SINGER MANUFACTURING COMPANY

# INSTRUCTIONS FOR OILING

To ensure easy running and prevent unnecessary wear of the parts which are in movable contact, the machine requires oiling and when in continuous use, "TYPE B" or "TYPE D" OIL, sold only by Singer Sewing Machine Company, should be applied at least twice each day to all oil holes marked "OIL", as instructed in Form 8088.

"TYPE D" OIL is stainless.

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## INSTRUCTIONS FOR ORDERING

5

In ordering from this list, use ONLY the part NUMBER in the FIRST column.

The number stamped on a Sewing Machine Part is in every case the number of the single part only.

Every combination of parts sent out as such has its specific number, which, although not stamped on the parts, must be used when ordering the combination.

Each number always indicates the SAME PART in whatever list it appears, or for whatever machine.

The letters after some of the numbers indicate the style of finish only, as follows:

- A-Hardened, Polished, Nickel Plated and Buffed
- A.A-Buffed and Chromium Plated
- A.B-Hardened, Polished, Buffed and Chromium Plated
- A.C-Brass Baking Enamel Finish
- A.D-Gray Baking Enamel Finish
- A.E-Hardened, Bright Rumbled and Nickel Plated
- A.F-Hardened, Bright Rumbled, Nickel Plated, Bright Rumbled and Chromium Plated
- B-Polished, Nickel Plated and Buffed
- C-Hardened Only
- C.R-Hardened and Merlized
- D-Polished Only
- E-Soft, Not Polished
- F-Hardened and Polished
- F.J-Hardened, Polished and Nickel Plated
- G-Bright Rumbled and Nickel Plated
- H-Blue
- J-Nickel Plated Only
- K-Hardened and Nickel Plated
- L-Brass Plated
- M-Oxidized
- N-Japaned, Dull
- P-Japaned, Bright
- P.P-Wrinkle Finish
- R-Merlized
- S-Cadmium Plated
- T-Copper Plated
- T.A-Hardened, Polished, Copper and Nickel Plated and Buffed
- T.B-Copper and Nickel Plated and Polished
- T.J-Copper and Nickel Plated Only
- T.K-Hardened, Copper and Nickel Plated
- T.L-Copper and Brass Plated
- T.M-Copper Plated and Oxidized
- U-Zinc Plated
- V-Silver Plated
- W-Polished and Nickel Plated
- X-Black Oxide, for Iron and Steel
- X.C-Hardened and Black Oxide, for Iron or Steel
- Y-Black Nickel Plated Only
- Z-Chromium Plated
- Z.A-Hardened, Polished, Nickel Plated, Buffed and Chromium Plated
- Z.B-Polished, Nickel Plated, Buffed and Chromium Plated
- Z.C-Hardened and Chromium Plated
- Z.D-Polished and Chromium Plated
- Z.G-Bright Rumbled, Nickel Plated, Bright Rumbled and Chromium Plated
- Z.J-Nickel and Chromium Plated
- Z.T-Copper and Chromium Plated

These letters MUST BE USED when they appear in the list; and AFTER the number as in the list.

In this series:

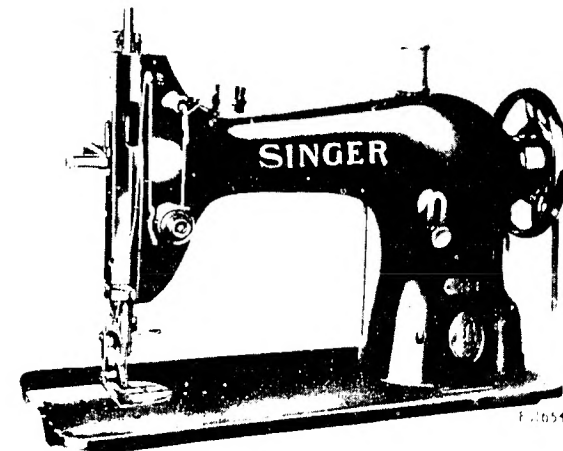
- 1 to 1500, 50001 to 51500 and 140001 to 143000 are Screw Numbers
- 1501 to 1600 and 51501 to 51800 are Nut Numbers
- 1601 to 1900 and 51801 to 52000 are Roller Numbers
- 19001 to 190000 and 140001 to 140000 and 140001 to 190000 are Sewing Machine Parts, 190001 and upward are numbers of Electrical Parts.

The figures in the second column refer only to the plates, illustrating the parts, and are NOT TO BE USED in ordering.

Parts marked with an asterisk (\*) are furnished only when repairs are made at factory.

## LIST OF PARTS COMPLETE

FOR



## MACHINE No. 44-4

FOR LEATHER. HAS VERTICAL TRIMMER. DROP FEED.

SPEED 1800 R. P. M.

| No.    | Plate | Name   |
|--------|-------|--|
| *16557 | ---   | Arm with 11104, 15404 and two 15405.....     |
| 8582   | 8409  | " Dowel Pin.....                             |
| 12453  | 8409  | " Oil Tube for intermediate bearing....      |
| 12454  | 8409  | " " " with 132590, for oiling 12409.....     |
| 24131  | 8409  | Arm Oil Tube with 52045, for oiling 12197    |
| 11119  | 8409  | " " " 52045, for oiling 12408 and 16569..... |
| 52045  | 8409  | Arm Oil Tube Packing (wick).....             |
| 132590 | 8409  | " " " (wick).....                            |
| 748E   | 8409  | " Screw (back).....                          |
| 868E   | 8409  | " " (front).....                             |
| 16511  | 8388  | " Shaft.....                                 |
| 62541  | ---   | " " 16511 with 12197 and 16569.....          |
| *62541 | ---   | " " 62541 with 20197.....                    |
| *11104 | ---   | " " Bushing (front).....                     |
| 12457  | 8409  | " " Flanged Bushing (back).....              |
| 448C   | 8409  | " " " " Set Screw                            |
| 144D   | 8409  | " " Screw.....                               |

| No.   | Plate | Name  |
|---|-------|---|
| 12193   | 8388  | Arm Side Cover.....   |
| 51234D  | 8409  | " " " Thumb Screw.....  |
| 12403   | 8388  | " Spool Pin and Thread Eyelet.....  |
| 8879  | 8420  | " " " Washer (cloth).....   |
| 24296   | 8388  | Balance Wheel (power) light rim, 2 3/16<br>inch pulley, with two 448C.....  |
| 24297   | 8388  | Balance Wheel Oil Cover.....  |
| 210D  | 8409  | " " " " Screw.....  |
| 448C  | 8409  | " " " Set Screw.....  |
| *16596  | ----  | Bed.....  |
| 20197   | 8388  | Crank Connecting Rod with two 896C.....                                     |
| 896C  | 8409  | " " " Cap Screw.....  |
| 908C  | 8409  | " " " Hinge Screw.....  |
| 1819J   | 8409  | " " " " " Nut.....  |
| 16558   | ----  | Face Plate.....   |
| 16559   | 8410  | Face Plate complete, Nos. 2827, 12150 and<br>16558.....                     |
| 203J  | 8409  | Face Plate Screw.....   |
| 62682   | 8409  | " " " Thread Eyelet.....  |
| *44181  | ----  | " " " Guard (lower).....  |
| 12150   | 8409  | " " " " " 44181 with<br>12152.....  |
| 12152   | 8409  | Face Plate Thread Guard (lower) Rivet....                                   |
| 2827  | 8409  | " " " " " (upper) with 8505   |
| 8505  | 8409  | " " " " " Rivet....   |
| 12368   | 8410  | Feed Bar.....   |
| 313C  | 8409  | " " " Screw Center.....   |
| 56813   | ----  | " " " " 313C with 1519J....   |
| 1519J   | 8409  | " " " " " Nut.....  |
| 12197   | 8421  | " Cam and Feed Lifting Eccentric with<br>448C.....                          |
| 448C  | 8409  | Feed Cam and Feed Lifting Eccentric Set<br>Screw.....                       |
| 3033  | 770   | Feed Connecting Link.....   |
| 375C  | 8409  | " " " " Hinge Screw.....  |
| 1518E   | 8412  | " " " " " Nut.....  |
| 16560   | 1338  | " Dog, 10 teeth (16 teeth to the inch)                                      |
| Note: No. 16560 is sent with this machine unless<br>otherwise specified on order. |       |   |
| 24392   | 1338  | Feed Dog, 5 teeth (12 teeth to the inch)                                    |
| 24951   | 8412  | " " 15 teeth (24 teeth to the inch)   |
| 208E  | 8412  | " " " Screw.....  |
| 12123   | 8410  | " Forked Connection.....  |
| 375C  | 8409  | " " " " Hinge Screw.....  |
| 1518E   | 8412  | " " " " " Nut...  |
| 16504   | 8410  | " Lifting Rock Shaft.....   |
| 16588   | ----  | Feed Lifting Rock Shaft complete, Nos.<br>3093, 12376, 16504 and 16558..... |

| No.   | Plate | Name   |
|---|-------|--|
| 16556   | 8412  | Feed Lifting Rock Shaft Crank (back) with<br>462C.....                       |
| 3093  | 8412  | Feed Lifting Rock Shaft Crank (back) Pin.                                    |
| 462C  | 8412  | " " " " " " Set<br>Screw.....  |
| 12376   | 770   | Feed Lifting Rock Shaft Crank (front)<br>with 157J and 1813.....             |
| 157J  | 8412  | Feed Lifting Rock Shaft Crank (front)<br>Clamping Screw.....                 |
| 1813  | 8412  | Feed Lifting Rock Shaft Crank (front)<br>Roller and Stud.....                |
| 43976   | 8411  | Feed Lifting Rock Shaft Crank Connecting<br>Rod with 43977 and two 966E..... |
| *43977  | ----  | Feed Lifting Rock Shaft Crank Connecting<br>Rod Cap.....                     |
| 966E  | 8412  | Feed Lifting Rock Shaft Crank Connecting<br>Rod Cap Screw.....               |
| 375C  | 8409  | Feed Lifting Rock Shaft Crank Connecting<br>Rod Hinge Screw.....             |
| 1518E   | 8412  | Feed Lifting Rock Shaft Crank Connecting<br>Rod Hinge Screw Nut.....         |
| 307C  | 8412  | Feed Lifting Rock Shaft Screw Center.....                                    |
| 56814   | ----  | " " " " " " 307C<br>with 1513J.....  |
| 1513J   | 8412  | Feed Lifting Rock Shaft Screw Center Nut.                                    |
| 3033  | 8410  | " Regulator.....   |
| 1128K   | 8412  | " " " Hinge Screw.....   |
| 618D  | 8412  | " " " Thumb Screw.....   |
| 16506   | 8411  | " Rock Shaft.....  |
| 24376   | ----  | Feed Rock Shaft complete, Nos. 16506 and<br>29633.....                       |
| 29633   | 8412  | Feed Rock Shaft Crank with 157J.....   |
| 157J  | 8412  | " " " " " Clamping Screw.....  |
| 307C  | 8412  | " " " " " Screw Center.....  |
| 56814   | ----  | " " " " " " 307C with<br>1513J.....  |
| 1513J   | 8412  | Feed Rock Shaft Screw Center Nut.....  |
| 16598   | 1338  | Knife, narrow, end and side cut.....   |
| Note: Five No. 16598 are sent with this machine<br>unless other Knives are specified on or-<br>der. |       |  |
| 19173   | 1338  | Knife, broad, diagonal cut.....  |
| 19174   | 1338  | " " " end and side cut.....  |
| 19175   | 1338  | " " " medium, end and side cut.....  |
| 19176   | 1338  | " " " " " cut only.....  |
| 19177   | 1338  | " " " " " (shearing).....  |
| 19178   | 1338  | " " " " " and side cut (concave)   |
| 19179   | 1338  | " " " " " " (thin<br>gauge).....   |

| No.    | Plate | Name  |
|--------|-------|---|
| 19397  | 8413  | Knife Bar with 2301.....  |
| 24431  | 8413  | " " Crank with 191C.....  |
| 1162C  | 8414  | " " " Coupling Pin.....   |
| 1564D  | 1338  | " " " " " Head.....   |
| 2297   | 1338  | " " " " " Spring.....   |
| 2022   | 8414  | " " " Pin.....  |
| 191C   | 8414  | " " " Set Screw.....  |
| 24432  | ----  | Knife Bar Crank complete, Nos. 1162C,<br>1564D, 2297 and 24431.....                 |
| 16563  | 8413  | Knife Bar Driving Crank (forked).....   |
| 16564  | 8413  | " " " Bracket.....  |
| 24433  | ----  | Knife Bar Driving Crank Bracket complete,<br>Nos. 2022, 16563, 16564 and 24432..... |
| 647C   | 8414  | Knife Bar Driving Crank Bracket Screw....   |
| 24122  | 8414  | " " Lifting Spring.....   |
| 24123  | 8414  | " " " " " Case.....   |
| 24124  | 8414  | " " " " " Guide.....  |
| 24906  | ----  | " " " " " 24124 with<br>2523 and 24125.....   |
| *24125 | 8414  | Knife Bar Lifting Spring Guide Bracket...   |
| 621J   | 8414  | " " " " " " Screw   |
| 2523   | 8396  | " " " " " " Pin.....  |
| 2301   | 8414  | " " " Stop Pin.....   |
| 24127  | ----  | Knife Bar complete, Nos. 621J, 16567, 19297<br>24126, 24906 and two 335H.....       |
| 16567  | 8414  | Knife Holder with two 206D.....   |
| 24126  | 8414  | " " Handle.....   |
| 335H   | 8414  | " " Screw.....  |
| 206D   | 8412  | " Screw for 16567.....  |
| 16568  | 8413  | Needle Bar with 620F, 904E and 24391.....   |
| 19265  | 8413  | " " " 904E, for 19173.....  |
| 12382  | 770   | " " Connecting Link with 794E.....  |
| 43997  | ----  | " " " " 12382 with<br>12384.....  |
| 794E   | 8414  | Needle Bar Connecting Link Adjusting<br>Screw.....                                  |
| *12383 | ----  | Needle Bar Connecting Stud.....   |
| 1904   | 770   | " " " " Roller (roller<br>only).....  |
| 453C   | 8412  | Needle Bar Connecting Stud Set Screw....  |
| 12384  | 770   | Needle Bar Connecting Stud complete, Nos.<br>453C, 1904 and 12383.....              |
| 16569  | 8413  | Needle Bar Crank (eccentric) with 448C<br>and 743C.....                             |
| 743C   | 8414  | Needle Bar Crank Position Screw.....  |
| 448C   | 8409  | " " " Set Screw.....  |
| 24391  | 8414  | " " Thread Guard.....   |
| 620F   | 8414  | " " " Set Screw.....  |
| 904E   | 8414  | " Set Screw for 16568 and 19265.....  |

| No.    | Plate | Name  |
|--------|-------|---|
| 44223  | 8413  | Oil Cup.....  |
| 44223  | ----  | " " 44222 with 44005.....   |
| 44214  | ----  | " " Extension.....  |
| 44005  | 8413  | " " " 44214 with 24075.....   |
| 24075  | 8413  | " " " Post.....   |
| 44006  | 8413  | " " Packing (felt).....   |
| 44224  | 8413  | " " Thread Retainer.....  |
| 44223  | 8413  | Oil Cup complete, Nos. 44005, 44223 and<br>44224.....                               |
| *24104 | 8413  | Oscillating Rock Shaft.....   |
| 24105  | ----  | Oscillating Rock Shaft complete, Nos. 4784<br>12388 and 24104.....                  |
| 12388  | 8410  | Oscillating Rock Shaft Hinge Pin.....   |
| 448C   | 8409  | " " " " Set Screw   |
| 4784   | 8414  | " " " Oil Pad.....  |
| 16509  | 8417  | " " Shaft.....  |
| 19496  | ----  | " " Crank for 19447.....  |
| 44134  | ----  | " " " 44135.....  |
| 19447  | 8394  | Oscillating Shaft Crank complete, Nos.<br>457C, 1518E, 19449 and 19496.....         |
| 44135  | 8394  | Oscillating Shaft Crank complete, Nos.<br>1518E, 19449, 44134 and two 453C.....     |
| 2049   | 8396  | Oscillating Shaft Crank Pin.....  |
| 457C   | 8394  | " " " Set Screw for<br>19447.....   |
| 457C   | 8412  | Oscillating Shaft Crank Set Screw for<br>44135.....                                 |
| 19448  | 8394  | Oscillating Shaft Crank Slide Block.....  |
| 206J   | 8394  | " " " " " Cap<br>Screw.....   |
| 12424  | 8394  | Oscillating Shaft Crank Slide Block Cap<br>Screw Washer.....                        |
| 988C   | 8394  | Oscillating Shaft Crank Slide Block Screw<br>Stud.....                              |
| 1518E  | 8412  | Oscillating Shaft Crank Slide Block Screw<br>Stud Nut.....                          |
| 19449  | 8394  | Oscillating Shaft Crank Slide Block com-<br>plete, Nos. 226J, 988C, 12424 and 19448 |
| 19441  | 8417  | Presser Bar (hollow).....   |
| 19464  | ----  | Presser Bar complete, Nos. 190J, 19441 to<br>19443 and 24445.....                   |
| 12326  | 770   | Presser Bar Guide Bracket with 453C.....  |
| 453C   | 8412  | " " " " " Set Screw.....  |
| 206J   | 8413  | " " " Lifter.....   |
| 638C   | 8413  | " " " Screw.....  |
| 1520E  | 8394  | " " " Nut.....  |
| 12327  | 8394  | " " Lifting and Releasing Lever<br>Bracket.....                                     |

| No.  | Plate | Name   |
|--|-------|--|
| 11167  | 8417  | Presser Bar Spring (light) .051 wire....   |
| Note: No. 11167 is sent with this machine unless another Spring is specified on order.         |       |  |
| 12139  | 8417  | Presser Bar Spring (medium) .055 wire....  |
| 20023  | 8417  | " " " (heavy) .063 wire....  |
| 11170  | 8418  | " " " Washer.....  |
| 688J   | 8396  | Pressure Regulating Thumb Screw.....   |
| 1841   | ----  | Roller, 7/8 in. diam., 9/64 in. face,<br>fine with 652D and 1528J.....                             |
| 62677  | 8418  | Roller Arm.....  |
| 18442  | 8418  | " " Bracket.....   |
| 19443  | 8418  | " " " Position Collar with<br>456C.....  |
| 456C   | 8418  | Roller Arm Bracket Position Collar Set<br>Screw.....   |
| 987E   | 8418  | Roller Arm Bracket Screw Stud.....   |
| 19444  | 8418  | " " " Spring.....  |
| 19445  | 8418  | " " " " Pin.....   |
| 19446  | 8418  | " " " " Stud.....  |
| 24445  | ----  | Roller Arm Bracket Spring Stud complete,<br>Nos. 987E and 19444 to 19446.....                      |
| 62722  | 8402  | Roller Presser complete, 7/8 in. diam.,<br>9/64 in. face, fine roller, Nos. 1841<br>and 62677..... |
| Note: No. 62722 is sent with this machine unless another Roller Presser is specified on order. |       |  |
| 190J   | 8418  | Roller Presser Screw.....  |
| 652D   | 8403  | " Screw for 1841.....  |
| 1528J  | 8396  | " " Nut for 1841.....  |
| 2996   | 8396  | Shuttle Bobbin.....  |
| 62739  | ----  | " " Case.....  |
| 15140  | 8396  | " " " Latch.....   |
| 2973   | 8396  | " " " " Lever.....   |
| 2974   | 8396  | " " " " Fulcrum<br>Pin.....  |
| 2975   | 8396  | Shuttle Bobbin Case Latch Spring.....  |
| 592E   | 8396  | " " " " Stop Screw....   |
| 15141  | 8396  | " " " " Hinge, Nos. 2973, 2974<br>and 15140.....   |
| *7553  | 8396  | Shuttle Bobbin Case Position Finger.....   |
| 2523   | 8396  | " " " " Rivet.....   |
| 24412  | 8396  | " " " " Plate.....   |
| 391J   | 8402  | " " " " Screw  |
| 62740  | 8396  | Shuttle Bobbin Case complete, Nos. 591F,<br>592E, 2523, 2975, 7553, 15141, 15278 and<br>62739..... |
| 12393  | 8396  | Shuttle Body.....  |
| 591F   | 8403  | " Tension Regulating Screw.....  |

| No.    | Plate | Name   |
|--------|-------|--|
| 15278  | 8396  | Shuttle Tension Spring.....  |
| 1923C  | 8418  | " " 1 11/16 in. diam., Nos. 2996,<br>13363 and 62740.....                              |
| *12394 | ----  | Shuttle Driver.....  |
| 12444  | 8418  | " " 12394 with two 1266C.....  |
| 2049   | 8396  | " " Pin.....   |
| 1560C  | 8403  | " " Set Screw.....   |
| 2531   | 8396  | " Race Back.....   |
| 2532   | 8396  | " " " Position Pin.....  |
| 2533   | 8396  | " " " Spring.....  |
| 307D   | 8418  | " " " Screw.....   |
| 24413  | ----  | " " Body.....  |
| *62501 | ----  | " " " 24413 with 24418 and<br>two 1053E.....   |
| *62501 | ----  | Shuttle Race Body 24413 with 24420 and<br>two 1053E.....                               |
| 62517  | ----  | Shuttle Race Body 62502 with two 2532....  |
| 62518  | ----  | " " " 62501 with two 2532....  |
| 24414  | 8396  | " " Cap for 62502.....   |
| 24420  | 8417  | " " " 62501.....   |
| 1053E  | 8418  | " " " Screw.....   |
| 24419  | 8417  | Shuttle Race complete, Nos. 907D, 2531,<br>2533, 24412, 62517 and two 391J.....        |
| 24421  | 8417  | Shuttle Race complete for 19174, Nos. 907D<br>2531, 2533, 24412, 62518 and two 391J... |
| 143D   | 8418  | Shuttle Race Screw.....  |
| 19431  | ----  | " Slide.....   |
| 12432  | 8418  | Shuttle Race Slide complete, Nos. 4307,<br>12431 and two 725E.....                     |
| 4307   | 8402  | Shuttle Race Slide Spring.....   |
| 725E   | 8396  | " " " Screw.....   |
| 2102   | 8396  | Tension Disc.....  |
| 1560C  | 8396  | " Regulating Thumb Nut.....  |
| 32072  | 8396  | " Releasing Disc.....  |
| 43944  | 8396  | " " Lever.....   |
| 12396  | 8396  | " " " Hinge Pin.....   |
| 12329  | 8396  | " " " Spring.....  |
| 32574  | 8396  | " " " Pin.....   |
| 50327C | 8396  | " Screw Stud.....  |
| *44141 | ----  | " " " 50327C with 1560C....  |
| 43945  | 8396  | " Spring.....  |
| 12149  | 8396  | Thread Guard.....  |
| *44118 | ----  | Tension complete, Nos. 7336, 32572, 32574,<br>43945, 43946, 44141 and two 2102.....    |
| 52454  | 8402  | Thread Retainer.....   |
| 6240   | 8396  | " Set Screw.....   |
| 12404  | 8396  | " Take-up Crank.....   |
| 3094   | 8396  | " " " Weigh.....   |
| 630E   | 8396  | " " " Screw.....   |

| No.  | Plate | Name   |
|--|-------|--|
| 12408  | 770   | Thread Take-up Lever.....  |
| 775E   | 8398  | " " " Cap Screw.....   |
| 12166  | 8398  | " " " Hinge Pin.....   |
| 12409  | 770   | " " " Link.....  |
| 11204  | 770   | " " " Hinge Pin.....   |
| 435C   | 8398  | " " " " " Set Screw.....   |
| 12410  | ----  | Thread Take-up Lever complete, Nos. 12166 12408 and 12409.....   |
| 43946  | 8398  | Thread Take-up Spring.....   |
| 7336   | 8418  | " " " Regulator.....   |
| 448C   | 8409  | " " " " " Set Screw  |
| 62626  | ----  | Throat Plate Body.....   |
| 16599  | 1338  | " " " Cutting Bar, 5/128 inch to 3/32 inch gauge.....  |
| Note: When ordering No. 16599, state required distance of trimmed edge from seam.                      |       |  |
| Note: No. 16599, 3/64 inch gauge is sent with this machine unless another gauge is specified on order. |       |  |
| 238D   | 8415  | Throat Plate Cutting Bar Screw.....  |
| 2328   | 1338  | " " " Spring Slide for 16597.....  |
| 2329   | 1338  | " " " " " 19180.....   |
| 2330   | 1338  | " " " " " Spring.....  |
| 56895  | 1338  | " " " " " " Stop (oval).....   |
| 725D   | 8398  | Throat Plate Spring Slide Spring Stop Screw.....   |
| 16597  | 1338  | Throat Plate complete, for 16560, 24392 and 24951, Nos. 725D, 2328, 2330, 16599, 56895, 62626 and two 238D.....          |
| 19180  | 1269  | Throat Plate complete for 16560, 24392 and 24951, for 19174, Nos. 725D, 2329, 2330 16599, 56895, 62626 and two 238D..... |
| Note: When ordering Nos. 16597 or 19180, state required distance of trimmed edge from seam.            |       |  |
| Note: No. 16597, 5/128 inch gauge, is sent with this machine, unless otherwise specified on order.     |       |  |
| 691F   | 8415  | Throat Plate Screw.....  |
| 15404  | ----  | Trade Mark.....  |
| 15405  | 8398  | " " Rivet.....   |
| 24079  | 8407  | Drip Pan.....  |

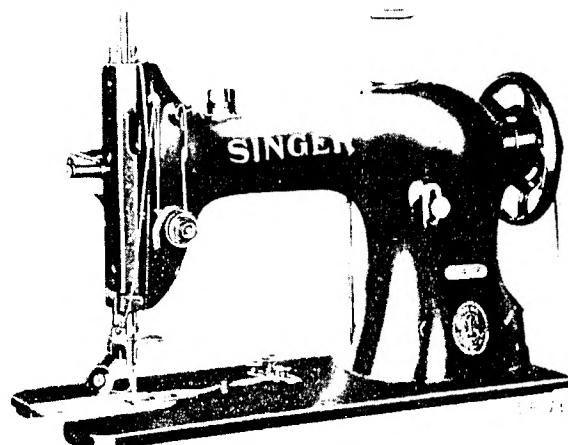
## FOR MAKING BAG HANDLES

| No.  | Plate | Name   |
|--|-------|--|
| 24388  | 8415  | Feed Dog (grooved).....  |
| 26836  | 8415  | Guide.....   |
| 284J   | 8415  | " Thumb Screw.....   |
| 24439  | 8415  | Presser Foot (grooved).....  |
| 4947   | 8415  | Throat Plate Cutting Bar, 5/128 inch to 3/32 inch gauge.....                           |
| Note: When ordering No. 4947, state required distance of trimmed edge from seam. |       |  |
| 238D   | 8415  | Throat Plate Cutting Bar Screw.....  |
| 2328   | 1338  | " " " Spring Slide.....  |
| 2330   | 1338  | " " " " " Spring.....  |
| 56895  | 1338  | " " " " " " Stop (oval).....   |
| 725D   | 8398  | Throat Plate Spring Slide Spring Stop Screw.....                                       |
| 24390  | 8415  | Throat Plate complete, for 24388, Nos. 725D, 2328, 2330, 4947, 56895 and two 238D..... |

SINGER Needles should be used  
in SINGER Machines.  
These Needles and their Containers  
are marked with the  
Company's Trade Mark "SIMANCO." 1

Needles in Containers marked  
"FOR SINGER MACHINES"  
are NOT **SINGER** made needles. 2

# LIST OF PARTS COMPLETE FOR



MACHINE No. 44-7

FOR SHOES. HAS VERTICAL TRIMMER THAT CAN BE INSTANTLY ADJUSTED FOR THE SCALLOPS AND TOPS OF SHOES. DROP FEED. SPEED 1800 R. P. M.

| No.    | Plate | Name                                     |
|--------|-------|--|
| *16887 | ----  | Arm with 11104, 15404 and two 15405..... |
| 3588   | 8409  | " Dowel Pin.....                         |
| 12453  | 8409  | " Oil Tube for intermediate bearing....  |
| 12454  | 8409  | " " " with 132590, for oiling 12409      |
| 24131  | 8409  | " " " " 52045, for oiling 12197          |
| 11119  | 8409  | " " " " 52045, for oiling 12408          |
|        |       | and 16549.....                           |
| 52045  | 8409  | Arm Oil Tube Packing (wick).....         |
| 132590 | 8409  | " " " " (wick).....                      |
| 748E   | 8409  | " Screw (back).....                      |
| 868E   | 8409  | " " (front).....                         |
| 16511  | 8388  | Shaft.....                               |
| *11104 | ----  | " Bushing (front).....                   |
| 15357  | 8388  | " Flanged Bushing (back).....            |
| 448C   | 8409  | " " " " Set Screw                        |
| 144D   | 8409  | " " " " Screw.....                       |
| 12197  | 8409  | " Side Cover.....                        |
| 512242 | 8410  | " " " " Thumb Screw.....                 |

| No.   | Plate | Name  |
|---|-------|---|
| 12403   | 8388  | Arm Spool Pin and Thread Eyelet.....  |
| 8879  | 8420  | " " " Washer (cloth).....   |
| 24296   | 8388  | Balance Wheel (power) light rim, 2 3/16<br>inch pulley, with two 448C.....  |
| 24297   | 8388  | Balance Wheel Oil Cover.....  |
| 210D  | 8409  | " " " " Screw.....  |
| 448C  | 8409  | " " " " Set Screw.....  |
| *16596  | ----  | Bed.....  |
| 20197   | 8388  | Crank Connecting Rod with two 896C.....                                     |
| 896C  | 8409  | " " " " Cap Screw.....  |
| 908C  | 8409  | " " " " Hinge Screw.....  |
| 1619J   | 8409  | " " " " " Nut.....  |
| 16558   | ----  | Face Plate.....   |
| 16559   | 8410  | Face Plate complete, Nos. 2827, 12150 and<br>16558.....                     |
| 203J  | 8409  | Face Plate Screw.....   |
| 62682   | 8409  | " " " Thread Eyelet.....  |
| *44151  | ----  | " " " " Guard (lower).....  |
| 12150   | 8409  | " " " " " " 44131<br>with 12152.....  |
| 12152   | 8409  | Face Plate Thread Guard (lower) Rivet....                                   |
| 2827  | 8409  | " " " " (upper) with 8505   |
| 8505  | 8409  | " " " " " Rivet....   |
| 12368   | 8410  | Feed Bar.....   |
| 313C  | 8409  | " " " " Screw Center.....   |
| 56813   | ----  | " " " " 313C with 1519J....   |
| 1519J   | 8409  | " " " " " Nut.....  |
| 12197   | 8421  | " Cam and Feed Lifting Eccentric with<br>446C.....                          |
| 446C  | 8409  | Feed Cam and Feed Lifting Eccentric Set<br>Screw.....                       |
| 3033  | 770   | Feed Connecting Link.....   |
| 375C  | 8409  | " " " " Hinge Screw.....  |
| 1513E   | 8412  | " " " " " Nut.....  |
| 16560   | 1338  | " Dog, 10 teeth (16 teeth to the inch)                                      |
| Note: No. 16560 is sent with this machine unless<br>otherwise specified on order. |       |   |
| 24392   | 1338  | Feed Dog, 8 teeth (12 teeth to the inch)                                    |
| 24951   | 8412  | " " 15 teeth (24 teeth to the inch)   |
| 208E  | 8412  | " " " " Screw.....  |
| 12123   | 8410  | " Forked Connection.....  |
| 375C  | 8409  | " " " " Hinge Screw.....  |
| 1513E   | 8412  | " " " " " Nut...  |
| 16504   | 8410  | " Lifting Rock Shaft.....   |
| 16588   | ----  | Feed Lifting Rock Shaft complete, Nos.<br>3093, 12376, 16504 and 16558..... |
| 16556   | 8412  | Feed Lifting Rock Shaft Crank (back) with<br>462C.....                      |
| 3093  | 8412  | Feed Lifting Rock Shaft Crank (back) Pin.                                   |



| No.   | Plate | Name  |
|---|-------|---|
| 462C  | 8412  | Feed Lifting Rock Shaft Crank (back) Set Screw.....                       |
| 12376   | 770   | Feed Lifting Rock Shaft Crank (front) with 157J and 1813.....             |
| 157J  | 8412  | Feed Lifting Rock Shaft Crank (front) Clamping Screw.....                 |
| 1813  | 8412  | Feed Lifting Rock Shaft Crank (front) Roller and Stud.....                |
| 43976   | 8411  | Feed Lifting Rock Shaft Crank Connecting Rod with 43977 and two 966E..... |
| *43977  | ----  | Feed Lifting Rock Shaft Crank Connecting Rod Cap.....                     |
| 966C  | 8412  | Feed Lifting Rock Shaft Crank Connecting Rod Cap Screw.....               |
| 375C  | 8409  | Feed Lifting Rock Shaft Crank Connecting Rod Hinge Screw.....             |
| 1518E   | 8412  | Feed Lifting Rock Shaft Crank Connecting Rod Hinge Screw Nut.....         |
| 307C  | 8412  | Feed Lifting Rock Shaft Screw Center.....                                 |
| 56814   | ----  | " " " " " " 307C with 1513J.....  |
| 1513J   | 8412  | Feed Lifting Rock Shaft Screw Center Nut.....                             |
| 3039  | 8410  | " Regulator.....  |
| 1126E   | 8412  | " " Hinge Screw.....  |
| 818D  | 8412  | " " Thumb Screw.....  |
| 16506   | 8411  | " Rock Shaft.....   |
| 24376   | ----  | Feed Rock Shaft complete, Nos. 16506 and 29633.....                       |
| 29633   | 8412  | Feed Rock Shaft Crank with 157J.....                                      |
| 157J  | 8412  | " " " " Clamping Screw.....   |
| 307C  | 8412  | " " " " Screw Center.....   |
| 56814   | ----  | " " " " " " 307C with 1513J.....  |
| 1513J   | 8412  | Feed Rock Shaft Screw Center Nut.....                                     |
| 16598   | 1338  | Knife (narrow) end and side cut.....                                      |
| Note: Five No. 16598 are sent with this machine unless other Knives are specified on order. |       |   |
| 19173   | 1338  | Knife, broad, diagonal cut.....   |
| 19174   | 1338  | " " " " end and side cut.....   |
| 19175   | 1338  | " " " " medium, end and side cut.....                                     |
| 19176   | 1338  | " " " " cut only.....   |
| 19177   | 1338  | " " " " (shearing).....   |
| 19178   | 1338  | " " " " and side cut (concave).....                                       |
| 19179   | 1338  | " " " " " " (thin gauge).....   |
| 19297   | 8413  | Knife Bar with 2301.....  |
| 24431   | 8413  | " " Crank with 191C.....  |
| 1162C   | 8414  | " " " Coupling Pin.....   |

| No.   | Plate | Name   |
|---|-------|--|
| 1564D   | 1338  | Knife Bar Crank Coupling Pin Head.....   |
| 2297  | 1338  | " " " " " Spring.....  |
| 2022  | 8414  | " " " " Pin.....   |
| 191C  | 8414  | " " " " Set Screw.....   |
| 24432   | ----  | Knife Bar Crank complete, Nos. 1162C, 1564D, 2297 and 24431.....                                       |
| 16563   | 8413  | Knife Bar Driving Crank (forked).....  |
| 16564   | 8413  | " " " " Bracket.....   |
| 24433   | ----  | Knife Bar Driving Crank Bracket complete, Nos. 2022, 16563, 16564 and 24432.....                       |
| 647C  | 8414  | Knife Bar Driving Crank Bracket Screw....  |
| 24122   | 8414  | " " " " Lifting Spring.....  |
| 24123   | 8414  | " " " " Case.....  |
| 24124   | 8414  | " " " " Guide.....   |
| 24906   | ----  | " " " " " " 24124 with 2523 and 24125.....   |
| *24125  | 8414  | Knife Bar Lifting Spring Guide Bracket...  |
| 621J  | 8414  | " " " " " " Screw  |
| 2523J   | 8396  | " " " " " " Pin.....   |
| 2301  | 8414  | " " " " Stop Pin.....  |
| 24127   | ----  | Knife Bar complete, Nos. 621J, 16567, 19297, 24126, 24906 and two 335H.....                            |
| Note: No. 24127 is sent with this machine unless otherwise ordered. |       |  |
| 16567   | 8414  | Knife Holder with two 208D.....  |
| 24126   | 8414  | " " " " Handle.....  |
| 335H  | 8414  | " " " " Screw.....   |
| 24374   | ----  | Knife Bar complete, Nos. 621J, 19297, 24373, 24906 and two 335H.....                                   |
| 24371   | 8414  | Knife Holder.....  |
| 24372   | 8414  | " " " " Body with 442C.....  |
| 24142   | 8414  | " " " " Handle.....  |
| 14026   | 8414  | " " " " Rivet.....   |
| 14026   | 8414  | " " " " Hinge Pin.....   |
| 24143   | 8414  | " " " " Spring.....  |
| 442C  | 8414  | " " " " Stop Screw.....  |
| 24373   | ----  | Knife Holder (hinged) complete, Nos. 2291, 24142, 24143, 24371, 24372 and two each 223F and 14026..... |
| 208D  | 8412  | Knife Screw for 16567.....   |
| 223F  | 8414  | " " " " 24373.....   |
| 2291  | 1338  | " " " " Washer.....  |
| 16568   | 8413  | Needle Bar with 620F, 904E and 24391.....  |
| 19265   | 8413  | " " " " 904E, for 19173.....   |
| 12382   | 770   | " " " " Connecting Link with 794E.....   |
| 43997   | ----  | " " " " " " 12382 with 12384.....  |
| 794E  | 8414  | Needle Bar Connecting Link Adjusting Screw.....  |

| No.    | Plate | Name   |
|--------|-------|--|
| *12383 | ----  | Needle Bar Connecting Stud.....  |
| 1904   | 770   | " " " " Roller (roller only).....  |
| 453C   | 8412  | Needle Bar Connecting Stud Set Screw.....                                    |
| 12384  | 770   | Needle Bar Connecting Stud complete, Nos. 453C, 1904 and 12383.....          |
| 16569  | 8413  | Needle Bar Crank (eccentric) with 448C and 743C.....                         |
| 743C   | 8414  | Needle Bar Crank Position Screw.....   |
| 448C   | 8409  | " " " " Set Screw.....   |
| 24391  | 8414  | " " " " Thread Guard.....  |
| 620F   | 8414  | " " " " Set Screw.....   |
| 904E   | 8414  | " " " " Set Screw for 16568 and 19265.....                                   |
| 44222  | 8413  | Oil Cup.....   |
| 44223  | ----  | " " 44222 with 44006.....  |
| 44214  | ----  | " " Extension.....   |
| 44006  | 8413  | " " " " 44214 with 24075.....  |
| 24075  | 8413  | " " " " Post.....  |
| 44006  | 8413  | " " " " Packing (felt).....  |
| 44224  | 8413  | " " " " Thread Retainer.....   |
| 44225  | 8413  | Oil Cup complete, Nos. 44006, 44223 and 44224.....                           |
| *24104 | 8413  | Oscillating Rock Shaft.....  |
| 24105  | ----  | Oscillating Rock Shaft complete, Nos. 4784, 12388 and 24104.....             |
| 12388  | 8410  | Oscillating Rock Shaft Hinge Pin.....  |
| 448C   | 8409  | " " " " " " Set Screw  |
| 4784   | 8414  | " " " " " " Oil Pad.....   |
| 16509  | 8417  | " " " " " " Shaft.....   |
| 19496  | ----  | " " " " " " Crank for 19447.....   |
| 44134  | ----  | " " " " " " 44135.....   |
| 19447  | 8394  | Oscillating Shaft Crank complete, Nos. 457C, 1518E, 19449 and 19496.....     |
| 44135  | 8394  | Oscillating Shaft Crank complete, Nos. 1518E, 19449, 44134 and two 453C..... |
| 2049   | 8396  | Oscillating Shaft Crank Pin.....   |
| 457C   | 8394  | " " " " " " Set Screw for 19447.....   |
| 453C   | 8412  | Oscillating Shaft Crank Set Screw for 44135.....                             |
| 19448  | 8394  | Oscillating Shaft Crank Slide Block.....                                     |
| 226J   | 8394  | " " " " " " Cap Screw.....   |
| 12424  | 8394  | Oscillating Shaft Crank Slide Block Cap Screw Washer.....                    |
| 988C   | 8394  | Oscillating Shaft Crank Slide Block Screw Stud.....                          |
| 1518E  | 8412  | Oscillating Shaft Crank Slide Block Screw Stud Nut.....                      |

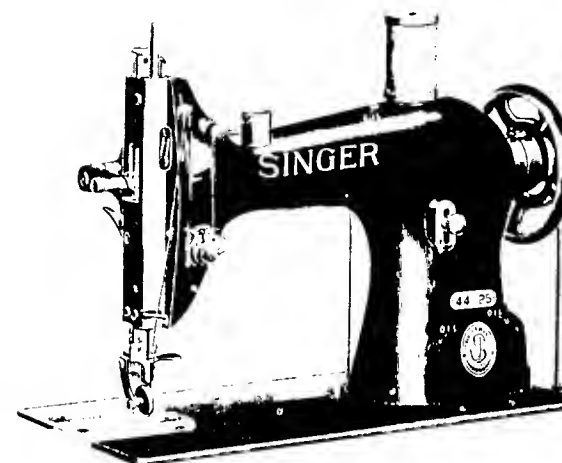
| No.  | Plate | Name   |
|--|-------|--|
| 19449  | 8394  | Oscillating Shaft Crank Slide Block complete, Nos. 226J, 988C, 12424 and 19448               |
| 19441  | 8417  | Presser Bar (hollow).....  |
| 19464  | ----  | Presser Bar complete, Nos. 190J, 19441 to 19443 and 24445.....                               |
| 12326  | 770   | Presser Bar Guide Bracket with 453C.....   |
| 453C   | 8412  | " " " " " " Set Screw.....   |
| 2062   | 8418  | " " " " " " Lifter.....  |
| 689C   | 8416  | " " " " " " Screw.....   |
| 1520E  | 8394  | " " " " " " Nut.....   |
| 12327  | 8394  | " " " " " " Lifting and Releasing Lever Bracket.....   |
| 11167  | 8417  | Presser Bar Spring (light) .051 wire.....  |
| Note: No. 11167 is sent with this machine unless another Spring is specified on order.         |       |  |
| 12139  | 8417  | Presser Bar Spring (medium) .055 wire....  |
| 20023  | 8417  | " " " " (heavy) .063 wire....  |
| 11170  | 8418  | " " " " " " Washer.....  |
| 688J   | 8396  | Pressure Regulating Thumb Screw.....   |
| 1841   | ----  | Roller, 7/8 in. diam., 9/64 in. face, fine, with 652D and 1528J.....                         |
| 62677  | 8418  | Roller Arm.....  |
| 19442  | 8418  | " " " " " " Bracket.....   |
| 19443  | 8418  | " " " " " " Position Collar with 456C.....   |
| 456C   | 8418  | Roller Arm Bracket Position Collar Set Screw.....  |
| 987E   | 8418  | Roller Arm Bracket Screw Stud.....   |
| 19444  | 8418  | " " " " " " Spring.....  |
| 19445  | 8418  | " " " " " " Pin.....   |
| 19446  | 8418  | " " " " " " Stud.....  |
| 24445  | ----  | Roller Arm Bracket Spring Stud complete, Nos. 987E and 19444 to 19446.....                   |
| 62722  | 8402  | Roller Presser complete, 7/8 in. diam., 9/64 in. face, fine roller, Nos. 1841 and 62677..... |
| Note: No. 62722 is sent with this machine unless another Roller Presser is specified on order. |       |  |
| 190J   | 8418  | Roller Presser Screw.....  |
| 652D   | 9403  | " " " " " " Screw for 1841.....  |
| 1528J  | 8396  | " " " " " " Nut for 1841.....  |
| 2996   | 8396  | Shuttle Bobbin.....  |
| 62739  | ----  | " " " " " " Case.....  |
| 15140  | 8396  | " " " " " " Latch.....   |
| 2973   | 8396  | " " " " " " Lever.....   |
| 2974   | 8396  | " " " " " " Fulcrum Pin.....   |
| 2975   | 8396  | Shuttle Bobbin Case Latch Spring.....  |

| No.    | Plate | Name  |
|--------|-------|---|
| 592E   | 8396  | Shuttle Bobbin Case Latch Stop Screw.....   |
| 15141  | 8396  | " " " Hinge Nos. 2973,2974<br>and 15140.....  |
| *7553  | 8396  | Shuttle Bobbin Case Position Finger.....  |
| 2523   | 8396  | " " " " " Rivet.  |
| 24412  | 8396  | " " " " " Plate.....  |
| 391J   | 8402  | " " " " " Screw.  |
| 62740  | 8396  | Shuttle Bobbin Case complete, Nos. 591F,<br>592E,2523,2973,7553,15141,15278 and<br>62739..... |
| 12393  | 8396  | Shuttle Body.....   |
| 591F   | 8403  | " Tension Regulating Screw.....   |
| 15278  | 8396  | " " Spring.....   |
| 19292  | 8418  | " " 1 11/16 in. diam.,Nos. 2996,12393<br>and 62740.....                                       |
| *12394 | ----  | Shuttle Driver.....   |
| 12444  | 8418  | " " 12394 with two 1266C.....   |
| 2049   | 8396  | " " Pin.....  |
| 1266C  | 8403  | " " Set Screw.....  |
| 2531   | 8398  | " Race Back.....  |
| 2532   | 8396  | " " Position Pin.....   |
| 2533   | 8396  | " " Spring.....   |
| 907D   | 8418  | " " Screw.....  |
| 24413  | ----  | " " Body.....   |
| *62502 | ----  | " " 24413 with 24418 and<br>two 1053E.....  |
| *62501 | ----  | Shuttle Race Body 24413 with 24420 and<br>two 1053E.....                                      |
| 62517  | ----  | Shuttle Race Body 62502 with two 2532,for<br>24418.....                                       |
| 62516  | ----  | Shuttle Race Body 62501 with two 2532,for<br>24421.....                                       |
| 24418  | 8396  | Shuttle Race Cap for 62502.....   |
| 24420  | 8417  | " " " " 62501.....  |
| 1053E  | 8418  | " " " Screw.....  |
| 24419  | 8417  | Shuttle Race complete, Nos. 907D,2531,<br>2533,24412,62517 and two 391J.....                  |
| 24421  | 8417  | Shuttle Race complete for 19174, Nos.907D<br>2531,2533,24412,62516 and two 391J...            |
| 145D   | 8418  | Shuttle Race Screw.....   |
| 12431  | ----  | " " Slide.....  |
| 12432  | 8422  | Shuttle Race Slide complete, Nos. 4307,<br>12431 and two 725E.....                            |
| 4307   | 8422  | Shuttle Race Slide Spring.....  |
| 725E   | 8398  | " " " " Screw.....  |
| 2102   | 8398  | Tension Disc.....   |
| 1560C  | 8398  | " Regulating Thumb Nut.....   |
| 32572  | 8398  | " Releasing Disc.....   |
| 43944  | 8398  | " " Lever.....  |

| No.    | Plate | Name  |
|--------|-------|---|
| 12398  | 8398  | Tension Releasing Lever Hinge Pin.....  |
| 12329  | 8398  | " " " Spring.....   |
| 32574  | 8398  | " " Pin.....  |
| 50327C | 8398  | " Screw Stud.....   |
| *44141 | ----  | " " " 50327C with 1560C.....  |
| 43945  | 8398  | " Spring.....   |
| 12149  | 8398  | " Thread Guard.....   |
| *44118 | ----  | Tension complete, Nos. 7336,32572,32574,<br>43945,43946,44141 and two 2102.....                   |
| 52454  | 8398  | Thread Retainer.....  |
| 624C   | 8398  | " " Set Screw.....  |
| 12404  | 8398  | " Take-up Crank.....  |
| 3094   | 8398  | " " " Wedge.....  |
| 690E   | 8398  | " " " Screw.....  |
| 12408  | 770   | " " Lever.....  |
| 775E   | 8398  | " " " Cap Screw.....  |
| 12166  | 8398  | " " " Hinge Pin.....  |
| 12409  | 770   | " " " Link.....   |
| 11204  | 770   | " " " " Hinge Pin.....  |
| 435C   | 8398  | " " " " " " Set<br>Screw.....   |
| 12410  | ----  | Thread Take-up Lever complete, Nos. 12166<br>12408 and 12409.....                                 |
| 43946  | 8398  | Thread Take-up Spring.....  |
| 7336   | 8418  | " " " Regulator.....  |
| 448C   | 8409  | " " " " Set Screw.  |
| 19164  | 1270  | Throat Plate Cutting Bar for 5/128 inch<br>to 1/16 inch gauge for 19101.....                      |
| Note:  |       | When ordering Nos. 18599,19164 or 62618 state<br>required distance of trimmed edge from<br>seam.  |
| Note:  |       | No. 19164, 1/16 inch gauge, is sent with this<br>machine, unless otherwise specified on<br>order. |
| 62618  | 8415  | Throat Plate Cutting Bar 5/64 inch to 1/4<br>inch gauge, for 62619.....                           |
| 16599  | 1338  | Throat Plate Cutting Bar 5/128 inch to<br>3/32 inch gauge, for 16597.....                         |
| 238D   | 8415  | Throat Plate Cutting Bar Screw.....   |
| 5478   | 1270  | " " Extension.....  |
| 5479   | 1270  | " " " Adjusting Link....  |
| 81D    | 1270  | " " " " " Hinge<br>Screw.....   |
| 5480   | 1270  | Throat Plate Extension Adjusting Link<br>Hinge Screw Washer.....                                  |
| 723D   | 1270  | Throat Plate Extension Adjusting Link<br>Thumb Screw.....   |
| 3146   | 1270  | Throat Plate Extension Adjusting Link<br>Thumb Screw Washer.....                                  |

| No.  | Plate | Name  |
|--|-------|---|
| 289D   | 1270  | Throat Plate Extension Adjusting Thumb Screw.....   |
| 1580E  | 1270  | Throat Plate Extension Adjusting Thumb Screw Nut.....   |
| 240D   | 8412  | Throat Plate Extension Screw.....   |
| 2328   | 1338  | " " Spring Slide.....   |
| 2330   | 1338  | " " " " Spring.....   |
| 56895  | 1338  | " " " " " " Stop (oval).....  |
| 725D   | 8398  | Throat Plate Spring Slide Spring Stop Screw.....  |
| 62619  | ----  | Throat Plate complete for 16580, 24392, 62620, Nos. 725D, 2328, 2330, 56895, 62618, 62675 and two 238D.....               |
| 62626  | ----  | Throat Plate Body.....  |
| 16597  | 1338  | Throat Plate complete for 16580, 24392, and 24951, Nos. 725D, 2328, 2330, 16595, 56895, 62626 and two 238D.....           |
| 62675  | ----  | Throat Plate Body.....  |
| 19101  | 1270  | Throat Plate complete, for 16580, 24392, 62675, Nos. 725D, 2328, 2330, 19104, 56895, 62675 and two 238D.....              |
| *62575   | 8416  | Throat Plate with Extension complete, Nos. 723D, 3148, 5478, 5479, 19101 and two each 240D, 289D and 1580E.....           |
| 19102  | 1270  | Throat Plate with Extension 62575 with 81D and 8400.....  |
| Note: No. 19102, 1/16 inch gauge, is sent with this machine unless otherwise specified on order. |       |   |
| 62620  | ----  | Throat Plate with Extension complete for 62621, Nos. 723D, 3148, 5478, 5479, 62619 and two each 240D, 289D and 1580E..... |
| 62621  | ----  | Throat Plate with Extension 62620 with 81D and 8400.....  |
| 957F   | 1270  | Throat Plate Screw.....   |
| *15404   | ----  | Trade Mark.....   |
| 15405  | 8398  | " " Rivet.....  |
| 24079  | 8407  | Drip Pan.....   |

# LIST OF PARTS COMPLETE FOR



## MACHINE No. 44-25

FOR LEATHER. HAS VERTICAL TRIMMER. WHEEL FEED.

SPEED 1800 R. P. M.

| No.    | Plate | Name   |
|--------|-------|--|
| *16557 | ----  | Arm with 11104, 15404 and two 15405.....       |
| 8582   | 8409  | " Dowel Pin.....                               |
| 12453  | 8409  | " Oil Tube for intermediate bearing.....       |
| 12454  | 8409  | " " " with 132590, for oiling 12409            |
| 24131  | 8409  | " " " " 52045, for oiling 5570..               |
| 11113  | 8409  | " " " " 52045, for oiling 12408 and 16569..... |
| 52045  | 8409  | Arm Oil Tube Packing (wick).....               |
| 132590 | 8409  | " " " " (wick).....                            |
| 748E   | 8409  | " Screw (back).....                            |
| 868E   | 8409  | " " (front).....                               |
| 16511  | 8388  | " Shaft.....                                   |
| *11104 | ----  | " Bushing (front).....                         |
| 12357  | 8388  | " Flanged Bushing (back).....                  |
| 448C   | 8409  | " " " " Set Screw                              |
| 144D   | 8409  | " " Screw.....                                 |
| 12193  | 8388  | " Side Cover.....                              |
| 51224D | 8405  | " " " Thumb Screw.....                         |
| 12403  | 8388  | " Spool Pin and Thread Eyelet.....             |

| No.  | Plate | Name   |
|--|-------|--|
| 8879   | 8420  | Arm Spool Pin Washer (cloth).....  |
| 24296  | 8388  | Balance Wheel (power) light rim, 2 3/16<br>inch pulley, with two 448C..... |
| 24297  | 8388  | Balance Wheel Oil Cover.....   |
| 210D   | 8409  | " " " Screw.....   |
| 448C   | 8409  | " " " Set Screw.....   |
| *16596   | ----  | Bed.....   |
| 20197  | 8388  | Crank Connecting Rod with two 896C.....                                    |
| 896C   | 8409  | " " " Cap Screw.....   |
| 908C   | 8409  | " " " Hinge Screw.....   |
| 1619J  | 8409  | " " " " Nut.....   |
| 16558  | ----  | Face Plate.....  |
| 16559  | 8410  | Face Plate complete, Nos. 2927, 12150 and<br>16558.....                    |
| 203J   | 8409  | Face Plate Screw.....  |
| 62682  | 8409  | " " Thread Eyelet.....   |
| *44181   | ----  | " " " Guard (lower).....   |
| 12150  | 8409  | " " " " 44181 with<br>12152.....   |
| 12152  | 8409  | Face Plate Thread Guard (lower) Rivet....                                  |
| 2827   | 8409  | " " " " (upper) with 8505  |
| 8505   | 8409  | " " " " Rivet....  |
| 3033   | 770   | Feed Connecting Link.....  |
| 375C   | 8409  | " " " Hinge Screw.....   |
| 1518E  | 8412  | " " " " Nut....  |
| 5570   | 8410  | " Eccentric with 446C.....   |
| 446C   | 8409  | " " Set Screw.....   |
| 12429  | 8410  | " Forked Connection.....   |
| 375C   | 8409  | " " " Hinge Screw.....   |
| 1518E  | 8412  | " " " " Nut....  |
| 3039   | 8410  | " Regulator.....   |
| 1128E  | 8412  | " " Hinge Screw.....   |
| 818D   | 8412  | " " Thumb Screw.....   |
| 16506  | 8411  | " Rock Shaft.....  |
| 24376  | ----  | Feed Rock Shaft complete, Nos. 16506 and<br>29633.....                     |
| 29633  | 8412  | Feed Rock Shaft Crank with 157J.....                                       |
| 157J   | 8412  | " " " " Clamping Screw....   |
| 307C   | 8412  | " " " Screw Center.....  |
| 56814  | ----  | " " " " 307C with<br>1513J.....  |
| 1513J  | 8412  | Feed Rock Shaft Screw Center Nut.....                                      |
| 2258   | 8411  | Feed Wheel.....  |
| Note: No. 2258 is sent with this machine unless<br>otherwise specified on order. |       |  |
| 15022  | 8411  | Feed Wheel 2258, coarse teeth.....   |
| 2263   | 8417  | " " Driver with 2266.....  |
| 19266  | 8411  | " " Link.....  |
| 324D   | 8412  | " " " Screw.....   |

| No.  | Plate | Name  |
|--|-------|---|
| 313C   | 8409  | Feed Wheel Driver Link Screw Center.....  |
| 56813  | ----  | " " " " " " 313C.<br>with 1513J.....  |
| 1519J  | 8409  | Feed Wheel Driver Link Screw Center Nut..   |
| 2265   | 8412  | " " " Spring.....   |
| 2266   | 8412  | " " " Hook.....   |
| 19267  | 8411  | " " Frame with 453C.....  |
| 19302  | ----  | Feed Wheel Frame complete, Nos. 151C, 183C<br>163F, 240D, 2252, 2254 to 2256, 2258, 3114<br>19267 and two each 119C and 1528J.... |
| 119C   | 8412  | Feed Wheel Frame Adjusting Screw.....   |
| 1528J  | 8396  | " " " " Nut....   |
| 453C   | 8412  | " " " Set Screw.....  |
| 19268  | 8413  | " " " Shaft.....  |
| 307C   | 8412  | " " " " Screw Center.....   |
| 56814  | ----  | " " " " " " 307C<br>with 1513J.....   |
| 1513J  | 8412  | Feed Wheel Frame Shaft Screw Center Nut..   |
| 3114   | 8412  | " " Friction Plate (back).....  |
| 151C   | 8412  | " " " " " Screw...  |
| 2252   | 8412  | " " " " (front).....  |
| 183C   | 8412  | " " " " " Screw...  |
| 2254   | 8412  | " " Retaining Clutch.....   |
| 2255   | 8412  | " " " " Cap.....  |
| 183F   | 8412  | " " " " " Screw....   |
| 2256   | 8412  | " " " " Spring.....   |
| 240D   | 8412  | " " " " " Screw.  |
| 16598  | 1338  | Knife, narrow, end and side cut.....  |
| Note: Five No. 16598 are sent with this machine un-<br>less other Knives are specified on order. |       |   |
| 19173  | 1338  | Knife, broad, diagonal cut.....   |
| 19174  | 1338  | " " " end and side cut.....   |
| 19175  | 1338  | " " " medium, end and side cut.....   |
| 19176  | 1338  | " " " cut only.....   |
| 19177  | 1338  | " " " " (shearing).....   |
| 19178  | 1338  | " " " and side cut (concave)  |
| 19179  | 1338  | " " " " " (thin<br>gauge).....  |
| 19297  | 8413  | Knife Bar with 2301.....  |
| 24431  | 8413  | " " Crank with 191C.....  |
| 1162C  | 8414  | " " " Coupling Pin.....   |
| 1564D  | 1338  | " " " " " Head.....   |
| 2297   | 1338  | " " " " " Spring.....   |
| 2022   | 8414  | " " " Pin.....  |
| 191C   | 8414  | " " " Set Screw.....  |
| 24432  | ----  | Knife Bar Crank complete, Nos. 1162C,<br>1564D, 2297 and 24431.....   |
| 16563  | 8413  | Knife Bar Driving Crank (forked).....   |
| 16564  | 8413  | " " " " Bracket.....  |

| No.    | Plate | Name   |
|--------|-------|--|
| 24433  | ----  | Knife Bar Driving Crank Bracket complete, Nos. 2022, 16563, 16564 and 24432..... |
| 647C   | 8414  | Knife Bar Driving Crank Bracket Screw....  |
| 24122  | 8414  | " " " " " Lifting Spring.....  |
| 24123  | 8414  | " " " " " Case.....  |
| 24124  | 8414  | " " " " " Guide.....   |
| 24906  | ----  | " " " " " " 24124 with 2523 and 24125.....                                       |
| *24125 | 8414  | Knife Bar Lifting Spring Guide Bracket...  |
| 621J   | 8414  | " " " " " " " Screw  |
| 2523   | 8356  | " " " " " " " Pin.....   |
| 2301   | 8414  | " " " " " " " Stop Pin.....  |
| 24127  | ----  | Knife Bar complete, Nos. 621J, 16567, 19297 24126, 24906 and two 335H.....       |
| 16567  | 8414  | Knife Holder with two 208D.....  |
| 24126  | 8414  | " " " " " Handle.....  |
| 335H   | 8414  | " " " " " Screw.....   |
| 208D   | 8412  | " " " " " Screw.....   |
| 16568  | 8413  | Needle Bar with 620F, 904E and 24391.....  |
| 19265  | 8413  | " " " " " 904E, for 19173.....   |
| 12382  | 770   | " " " " " Connecting Link with 794E.....   |
| 43997  | ----  | " " " " " " 12382 with 12384.....  |
| 794E   | 8414  | Needle Bar Connecting Link Adjusting Screw.....                                  |
| *12383 | ----  | Needle Bar Connecting Stud.....  |
| 1904   | 770   | " " " " " " Roller (roller only).....  |
| 453C   | 8412  | Needle Bar Connecting Stud Set Screw.....  |
| 12384  | 770   | Needle Bar Connecting Stud complete, Nos. 453C, 1904 and 12383.....              |
| 16569  | 8413  | Needle Bar Crank (eccentric) with 448C and 743C.....                             |
| 743C   | 8414  | Needle Bar Crank Position Screw.....   |
| 448C   | 8409  | " " " " " Set Screw.....   |
| 24391  | 8414  | " " " " " Thread Guard.....  |
| 620F   | 8414  | " " " " " " Set Screw.....   |
| 904E   | 8414  | " " " " " " Set Screw for 16568 and 19265.....                                   |
| 44222  | 8413  | Oil Cup.....   |
| 44223  | ----  | " " " " " 44222 with 44005.....  |
| 44214  | ----  | " " " " " Extension.....   |
| 44005  | 8413  | " " " " " 44214 with 24075.....  |
| 24075  | 8413  | " " " " " " Post.....  |
| 44006  | 8413  | " " " " " Packing (felt).....  |
| 44224  | 8413  | " " " " " Thread Retainer.....   |
| 44225  | 8413  | Oil Cup complete, Nos. 44006, 44223 and 44224.....                               |
| *24104 | 8413  | Oscillating Rock Shaft.....  |

| No.  | Plate | Name   |
|--|-------|--|
| 24105  | ----  | Oscillating Rock Shaft complete, Nos. 4784, 12388 and 24104.....               |
| 12388  | 8410  | Oscillating Rock Shaft Hinge Pin.....  |
| 878J   | 8414  | " " " " " " Oil Hole Stop Screw.....   |
| 12459  | 8414  | Oscillating Rock Shaft Hinge Pin Oil Hole Stop Screw Washer (leather).....     |
| 449C   | 8409  | Oscillating Rock Shaft Hinge Pin Set Screw.....                                |
| 4784   | 8414  | Oscillating Rock Shaft Oil Pad.....  |
| 16509  | 8417  | " " " " " Shaft.....   |
| 19496  | ----  | " " " " " Crank for 19447.....   |
| 44134  | ----  | " " " " " " 44135.....   |
| 19447  | 8394  | Oscillating Shaft Crank complete, Nos. 457C, 1518E, 19449 and 19496.....       |
| 44135  | 8394  | Oscillating Shaft Crank complete, Nos. 1518E, 19449, 44134 and two 453C.....   |
| 2049   | 8396  | Oscillating Shaft Crank Pin.....   |
| 457C   | 8394  | " " " " " Set Screw for 19447.....   |
| 453C   | 8412  | Oscillating Shaft Crank Set Screw for 44135.....                               |
| 19448  | 8394  | Oscillating Shaft Crank Slide Block.....                                       |
| 226J   | 8394  | " " " " " " Cap Screw.....   |
| 12424  | 8394  | Oscillating Shaft Crank Slide Block Cap Screw Washer.....                      |
| 988C   | 8394  | Oscillating Shaft Crank Slide Block Screw Stud.....                            |
| 1518E  | 8412  | Oscillating Shaft Crank Slide Block Screw Stud Nut.....                        |
| 19449  | 8394  | Oscillating Shaft Crank Slide Block complete, Nos. 226J, 988C, 12424 and 19443 |
| 19441  | 8417  | Presser Bar (hollow).....  |
| 19464  | ----  | Presser Bar complete, Nos. 190J, 19441 to 19443 and 24445.....                 |
| 12326  | 770   | Presser Bar Guide Bracket with 453C.....                                       |
| 453C   | 8412  | " " " " " " Set Screw.....   |
| 2062   | 8418  | " " " " " Lifter.....  |
| 689C   | 8418  | " " " " " Screw.....   |
| 1520E  | 8394  | " " " " " Nut.....   |
| 12327  | 8394  | " " " " " Lifting and Releasing Lever Bracket.....                             |
| 11167  | 8417  | Presser Bar Spring (light) .051 wire....                                       |
| Note: No. 11167 is sent with this machine unless another Spring is specified on order. |       |  |
| 12139  | 8417  | Presser Bar Spring (medium) .055 wire....                                      |
| 20023  | 8417  | " " " " " (heavy) .063 wire....  |
| 11170  | 8418  | " " " " " Washer.....  |

| No.  | Plate | Name   |
|--|-------|--|
| 688J   | 8396  | Pressure Regulating Thumb Screw.....   |
| 1841   | ----  | Roller, 7/8 in. diam., 9/64 in. face, fine<br>with 652D and 1528J.....                             |
| 62677  | 8418  | Roller Arm.....  |
| 19442  | 8418  | " " Bracket.....   |
| 19443  | 8418  | " " " Position Collar with<br>456C.....  |
| 456C   | 8418  | Roller Arm Bracket Position Collar Set<br>Screw.....   |
| 987E   | 8418  | Roller Arm Bracket Screw Stud.....   |
| 19444  | 8418  | " " " Spring.....  |
| 19445  | 8418  | " " " Pin.....   |
| 19446  | 8418  | " " " Stud.....  |
| 24445  | ----  | Roller Arm Bracket Spring Stud complete,<br>Nos. 987E and 19444 to 19446.....                      |
| 62722  | 8402  | Roller Presser complete, 7/8 in. diam.,<br>9/64 in. face, fine roller, Nos. 1841<br>and 62677..... |
| Note: No. 62722 is sent with this machine unless<br>another Roller Presser is specified on<br>order. |       |  |
| 190J   | 8413  | Roller Presser Screw.....  |
| 652D   | 8403  | " Screw for 1841.....  |
| 1528J  | 8396  | " Nut for 1841.....  |
| 2996   | 8396  | Shuttle Bobbin.....  |
| 62739  | ----  | " Case.....  |
| 15140  | 8396  | " " " Latch.....   |
| 2973   | 8396  | " " " Lever.....   |
| 2974   | 8396  | " " " Fulcrum<br>Pin.....  |
| 2975   | 8396  | Shuttle Bobbin Case Latch Spring.....  |
| 592E   | 8396  | " " " Stop Screw.....  |
| 15141  | 8396  | " " " Hinge, Nos. 2973, 2974<br>and 15140.....   |
| *7553  | 8396  | Shuttle Bobbin Case Position Finger.....   |
| 2523   | 8396  | " " " Rivet.....   |
| 24412  | 8396  | " " " Plate.....   |
| 391J   | 8402  | " " " Screw.....   |
| 62740  | 8396  | Shuttle Bobbin Case complete, Nos. 591F<br>592E, 2523, 2975, 7553, 15141, 15278 and<br>62739.....  |
| 12393  | 8396  | Shuttle Body.....  |
| 591F   | 8403  | " Tension Regulating Screw.....  |
| 15278  | 8396  | " " Spring.....  |
| 19292  | 8418  | " 1 11/16 in. diam., Nos. 2996,<br>12393 and 62740.....  |
| *12394   | ----  | Shuttle Driver.....  |
| 12444  | 8418  | " " 12394 with two 1266C.....  |
| 2049   | 8396  | " " Pin.....   |

| No.    | Plate | Name  |
|--------|-------|---|
| 1266C  | 8403  | Shuttle Driver Set Screw.....   |
| 2531   | 8398  | " Race Back.....  |
| 2532   | 8396  | " " " Position Pin.....   |
| 2533   | 8396  | " " " Spring.....   |
| 907D   | 8418  | " " " Screw.....  |
| 62749  | ----  | " " Body.....   |
| 62754  | ----  | " " " 62749 with 16584 and<br>two 662D.....   |
| 62755  | ----  | Shuttle Race Body 62754 with two 2532....   |
| 62756  | ----  | " " " 62754 with 24412 and<br>two 391J.....   |
| 16584  | 1355  | Shuttle Race Cap for 62757.....   |
| 19182  | 1355  | " " " 62761.....  |
| 662D   | 8418  | " " " Screw.....  |
| 62757  | 8417  | Shuttle Race complete, Nos. 907D, 2531J,<br>2533, 62756 and two 2532.....           |
| 24412  | 8396  | Shuttle Bobbin Case Position Plate.....   |
| 391J   | 8402  | " " " Screw.....  |
| 62758  | ----  | " Race Body 62749 with 19182 and two<br>662D.....                                   |
| 62759  | ----  | Shuttle Race Body 62758 with two 2532....   |
| 62760  | ----  | " " " 62758 with 24412 and<br>two 391J.....   |
| 62761  | 8417  | Shuttle Race complete for 19174, Nos. 907D<br>2531, 2533, 62760 and two 2532.....   |
| 145D   | 8418  | Shuttle Race Screw.....   |
| 12431  | ----  | " Slide.....  |
| 24810  | ----  | Shuttle Race Slide complete, Nos. 4307,<br>12431 and two 1208J.....                 |
| 4307   | 8422  | Shuttle Race Slide Spring.....  |
| 1208J  | 8418  | " " " Screw.....  |
| 2102   | 8398  | Tension Disc.....   |
| 1560C  | 8398  | " Regulating Thumb Nut.....   |
| 32572  | 8398  | " Releasing Disc.....   |
| 43944  | 8398  | " " Lever.....  |
| 12398  | 8398  | " " " Hinge Pin.....  |
| 12329  | 8398  | " " " Spring.....   |
| 32574  | 8398  | " " Pin.....  |
| 50327C | 8398  | " Screw Stud.....   |
| *44141 | ----  | " " " 50327C with 1560C....   |
| 43945  | 8398  | " Spring.....   |
| 12149  | 8398  | " Thread Guard.....   |
| *44118 | ----  | Tension complete, Nos. 7336, 32572, 32574,<br>43945, 43946, 44141 and two 2102..... |
| 52454  | 8398  | Thread Retainer.....  |
| 624C   | 8398  | " " Set Screw.....  |
| 12404  | 8398  | " Take-up Crank.....  |
| 3094   | 8398  | " " " Wedge.....  |
| 690E   | 8398  | " " " Screw.....  |

| No.   | Plate | Name  |
|---|-------|---|
| 12403   | 770   | Thread Take-up Lever.....   |
| 775E  | 8398  | " " " Cap Screw.....  |
| 12166   | 8398  | " " " Hinge Pin.....  |
| 12409   | 770   | " " " Link.....   |
| 11204   | 770   | " " " " Hinge Pin.....  |
| 435C  | 8398  | " " " " " " " Set<br>Screw.....   |
| 12410   | ----  | Thread Take-up Lever complete, Nos. 12166<br>12408 and 12409.....   |
| 43946   | 8398  | Thread Take-up Spring.....  |
| 7336  | 8418  | " " " Regulator.....  |
| 448C  | 8409  | " " " " " " " Set Screw   |
| 62672   | ----  | Throat Plate Body for 24339 and 24369....   |
| 16599   | 1338  | " " " Cutting Bar, 5/128 inch to<br>3/32 inch gauge.....  |
| Note: When ordering No. 16599, state required dis-<br>tance of trimmed edge from seam.                        |       |   |
| Note: No. 16599, 3/64 inch gauge, is sent with this<br>machine unless another gauge is specified<br>on order. |       |   |
| 238D  | 8415  | Throat Plate Cutting Bar Screw.....   |
| 2328  | 1338  | " " " Spring Slide for 24339.....   |
| 2329  | 1338  | " " " " " " " 24369.....  |
| 2330  | 1338  | " " " " " " " Spring.....   |
| 56895   | 1338  | " " " " " " " Stop<br>(oval).....   |
| 725D  | 8398  | Throat Plate Spring Slide Spring Stop<br>Screw.....   |
| 24339   | 1269  | Throat Plate complete for 2258 and 15022,<br>Nos. 725D, 2328, 2330, 16599, 56895, 62672<br>and two 238D.....            |
| Note: No. 24339, 5/128 inch gauge, is sent with<br>this machine unless otherwise specified<br>on order.       |       |   |
| 24369   | 1269  | Throat Plate complete for 2258 and 15022,<br>for 19174, Nos. 725D, 2329, 2330, 16599,<br>56895, 62672 and two 238D..... |
| Note: When ordering Nos. 24339 or 24369, state re-<br>quired distance of trimmed edge from seam               |       |   |
| 691F  | 8415  | Throat Plate Screw.....   |
| 24370   | ----  | Wheel Feed complete, Nos. 324D, 2263, 2265,<br>5570, 19266, 19268, 19302, 24339 or 24369<br>and 24810.....              |
| Note: When ordering No. 24370, state required dis-<br>tance of trimmed edge from seam.                        |       |   |
| *15404  | ----  | Trade Mark.....   |
| 15405   | 8398  | " " " Rivet.....  |
| 24080   | 8426  | Drip Pan with four 1 in. wire nails, for<br>Wheel Feed Machine.....   |

## ATTACHMENTS AND ACCESSORIES

| No.    | Plate | Name  |
|--------|-------|---|
| 51075E | 8399  | Machine Hinge Bolt with 51581E.....   |
| 51581E | 8394  | " " " " " " " Nut.....  |
| 6055   | 8399  | " " " " " " " Washer.....   |
| 12361  | 8399  | " " " " " " " Connection.....   |
| 44139  | 8399  | " " " " " " " Plate.....  |
| 44140  | ----  | Machine Hinge complete, Nos. 12361, 44139<br>and wood screw 1 1/4 in. No. 14..... |
| 44180  | ----  | Machine Hinge complete, Nos. 6055, 12361,<br>44139 and 51075E.....                |
| 12405  | 8399  | Machine Rest (felt).....  |
| 41400  | 8400  | " " " Pin (wood) 3 1/8 in. long...  |
| 120342 | 8400  | Oiler (copper plated) with 120343.....  |
| 120343 | 8400  | " Spout, 3 1/2 in. long.....  |
| 26026  | 8400  | Screw Driver (machine).....   |
| 26485  | 8400  | " " " (shuttle tension).....  |
| 35018  | 8400  | Tape Delivery Blade.....  |
| 8909   | 8400  | Wrench for 1513, 1518 and 51581.....  |
| 4822   | 8400  | " " " 1521 and 1528.....  |
| 8908   | 8400  | " " " 1519, 1520 and 1620.....  |
| 19221  | 8400  | " " " 1516 and 1619.....  |

## MACHINE BASE

| No.   | Plate | Name   |
|-------|-------|--|
| 24106 | 8399  | Bed Frame Cushion (felt).....  |
| 158E  | 8399  | " " " " " " " Screw.....   |
| 24107 | 8399  | " " " " " " " Hinge Connection.....  |
| 9261  | 8399  | " " " " " " " Pin.....   |
| 970D  | 8399  | " " " " " " " Thumb Screw.....   |
| 24108 | 8408  | " " " " " " " with 970D, two each 9261, 24107,<br>four each 158E, 24106 and six wood<br>screws 1 1/4 in. No. 12..... |
| 24908 | 8407  | Drip Pan with two wood screws 1/2 in. No.<br>5 R.H.B.....  |

## BELT GUARD

| No.   | Plate | Name                                |
|-------|-------|-------------------------------------|
| 41929 | 8408  | Belt Guard.....                     |
| 8418  | 8399  | " " " Button.....                   |
| 8419  | 8399  | " " " " " " " Washer (leather)..... |



| No.   | Plate | Name   |
|-------|-------|--|
| 8420  | ----  | Belt Guard Sutton 8418 with 8419 and wood screw 1 1/4 in. No. 9 R.H.B.....               |
| 41930 | 8399  | Belt Guard Hinge.....  |
| 41931 | ----  | Belt Guard complete, Nos. 8420, 41929, two 41930 and four wood screws 3/4 in. No. 9..... |

## GUIDE

FOR 44-4 AND 44-25 MACHINES

| No.   | Plate | Name               |
|-------|-------|--------------------|
| 25875 | 8410  | Guide.....         |
| 284J  | 8415  | " Thumb Screw..... |

## BOBBIN WINDERS

## BOBBIN WINDER

SWINGING AUTOMATIC. RIGHT HAND

FOR 2996

FOR POWER TABLE

| No.     | Plate | Name                                      |
|---------|-------|---|
| 225433  | 8406  | Bobbin Winder and Tension Bracket Base... |
| 225453  | 8422  | Frame with 202277 and 225438.....         |
| 225454  | 8420  | " Hinge Pin.....                          |
| 202277  | ----  | " Oil Packing (wick).....                 |
| 225438  | 8403  | " " Well Cap.....                         |
| 225455  | 8403  | " Spring.....                             |
| 225456  | 8420  | " " Plunger.....                          |
| 202473  | 8406  | Pulley with 200380C.....                  |
| 200380C | 8403  | " Set Screw.....                          |
| 225381  | 8420  | Spindle.....                              |
| 225444  | 8420  | Stop Latch.....                           |
| 200056E | 8403  | " " Screw.....                            |
| 225458  | 8420  | " " Thumb Lever.....                      |
| 225459  | 8403  | " " " Hinge Stud.....                     |
| 202478  | 8420  | " " Trip Lever.....                       |
| 200299H | 8403  | " " " Hinge Screw.....                    |
| 225461  | 8420  | Tension Bracket with 201499B.....         |
| 200082D | 8403  | " " Screw.....                            |
| 228026  | ----  | " " Washer.....                           |
| 2102    | 8398  | " Disc.....                               |

| No.     | Plate | Name  |
|---------|-------|---|
| 202407  | 8403  | Tension Spring.....   |
| 201499B | 8420  | " Stud.....   |
| 201572B | 8403  | " " Thumb Nut.....  |
| 225462  | ----  | Tension Bracket complete, Nos. 201572B, 202407, 225461 and two 2102.....  |
| 225382  | 8406  | Bobbin Winder (swinging automatic, right hand) complete, Nos. 200056E, 200082D, 200299H, 202473, 202478, 225381, 225433, 225444, 225453 to 225456, 225458, 225462 228026, two each 225459 and wood screws 3/4 in. No. 12 R.H.B..... |

## BOBBIN WINDER

SWINGING AUTOMATIC. RIGHT HAND

FOR 2996

FOR POWER TABLE

| No.    | Plate | Name  |
|--------|-------|---|
| 27552  | 8422  | Base.....   |
| 15072  | 8415  | Bobbin Position Pin.....  |
| 27302  | 6152  | Frame.....  |
| 50356D | 8415  | " Hinge Screw.....  |
| 1620J  | 8415  | " " " Nut.....  |
| 27303  | 8418  | " Spring.....   |
| 27553  | 8422  | Pulley.....   |
| *27849 | 6152  | Spindle.....  |
| 27538  | 6152  | " 27849 with 15072, 27850 and 41828.  |
| *27850 | 8415  | " Collar.....   |
| 41828  | 8425  | " " Pin.....  |
| 27306  | 6152  | Spool Pin.....  |
| 27307  | 6152  | " Stand.....  |
| 27308  | 6152  | Spool Stand complete, Nos. 418E, 1562J, 2106, 10141, 11241, 27306, 27307 and two each 2455 and wood screws 1 in. No. 10 |
| 11241  | 8388  | Spool Washer (cloth).....   |
| 27312  | 6152  | Stop Latch.....   |
| 35D    | 8415  | " " Hinge Screw.....  |
| 2455   | 8420  | Tension Disc.....   |
| 1562J  | 8420  | " Regulating Thumb Nut.....   |
| 418E   | 8420  | " Screw Stud.....   |
| 10141  | 8420  | " Spring.....   |
| 2106   | 8420  | " Thread Guide.....   |
| 27650  | ----  | Bobbin Winder, Nos. 35D, 1620J, 27302, 27303 27312, 27538, 27552, 27553, 50356D and two wood screws 1 in. No. 7.....    |
| 27554  | ----  | Bobbin Winder (swinging automatic, right hand) complete, Nos. 27308 and 27650.  |

## BOBBIN WINDER

## SWINGING AUTOMATIC. RIGHT HAND

FOR 2996

FOR STAND

This Bobbin Winder is the same as No. 27554 with the following exceptions:

| No.   | Plate | Name   |
|-------|-------|--|
| 27540 | 6152  | Base, in place of 27552.....   |
| 27541 | 6152  | Pulley, in place of 27553.....   |
| 27647 | 8422  | Bobbin Winder, Nos. 35D, 1620J, 27302, 27303, 27312, 27538, 27540, 27541, 50356D and two wood screws 1 in. No. 7, in place of 27650..... |
| 27544 | ----  | Bobbin Winder (swinging automatic, right hand) complete, Nos. 27308 and 27647.   |

## FINGER GUARD

| No.    | Plate | Name   |
|--------|-------|--|
| 36818  | 8419  | Finger Guard.....  |
| 36819  | 8419  | " " Friction Washer.....                                   |
| 50316J | 8419  | " " Hinge Screw.....                                       |
| 36820  | 8419  | " " Holder with 196J.....                                  |
| 196J   | 8394  | " " Clamping Screw.....                                    |
| 36821  | 8419  | Finger Guard complete, Nos. 36818 to 36820 and 50316J..... |
| 120496 | 8419  | Finger Guard.....  |
| 120497 | 8419  | " " Holder with 50302J.....                                |
| 50302J | 8419  | " " Set Screw.....   |
| 236J   | 8419  | " " Screw.....   |
| 120498 | 8419  | Finger Guard complete, Nos. 236J, 120496 and 120497.....   |

## FOOT LIFTER

| No.   | Plate | Name   |
|-------|-------|--|
| 5598  | 6152  | Bell Crank.....  |
| 56848 | ----  | " " 5596 with 5599 and 5601.....                         |
| 5599  | 6152  | " " Bracket.....   |
| 178E  | 8403  | " " Screw.....   |
| 5801  | 8419  | " " Hinge Pin.....                                       |
| 5735  | 6152  | " " Spring.....  |
| 5598  | 6152  | Bell Crank complete, Nos. 5735 and 56848.                |
| 5670  | ----  | Chain, length 26 in. to 35 in. with 56864 and 56865..... |

Note: When ordering No. 5670, state length required

| No.   | Plate | Name   |
|-------|-------|--|
| 4879  | 8419  | Chain Connecting Link.....   |
| 56864 | 8419  | " Hook (large).....  |
| 56865 | 8419  | " " (small).....   |
| 16585 | 8421  | Lifting Lever with 448C, for 24426.....  |
| 12415 | 8421  | " " Connecting Rod.....  |
| 12416 | 8419  | " " " " Joint.....   |
| 76D   | 8403  | " " " " " Hinge Screw.....   |
| 1521E | 8403  | Lifting Lever Connecting Rod Lock Nut....  |
| 802D  | 8419  | " " Hinge Screw.....   |
| 12241 | 8424  | " " Link for 24426.....  |
| 766D  | 8403  | " " Hinge Screw.....   |
| 16586 | 8424  | " " Pin for 24426.....   |
| 448C  | 8409  | " " Set Screw.....   |
| 2763  | 8406  | Rock Shaft.....  |
| 12242 | 8421  | " " Hanger with two wood screws 1 in. No. 10.....  |
| 6337  | 8406  | Rock Shaft Lifting Bracket with two 356C.  |
| 12243 | 8406  | " " " " Hook.....  |
| 7125  | 8406  | " " " " Hook.....  |
| 356C  | 8403  | " " " " Set Screw.....   |
| 356C  | 8403  | " " " " Set Screw.....   |
| 2770  | 8406  | " " Stop Dog with 356C.....  |
| 356C  | 8403  | " " Set Screw.....   |
| 4880  | 8406  | Rock Shaft complete, Nos. 2763, 2770, 7125, 12243 and two each 6337 and 12242....  |
| 4881  | 8406  | Treadle.....   |
| 4882  | 6152  | " Shaft.....   |
| 4883  | 6152  | " Spring.....  |
| 4884  | 8406  | " Stand.....   |
| 4885  | 8406  | Treadle complete, Nos. 4879, 4881 to 4884 and two wood screws 1 in. No. 18....   |
| 24426 | ----  | Foot Lifter complete, Nos. 76D, 766D, 802D, 1521E, 4880, 4885, 5598, 5670, 12241, 12415, 12416, 16585, 16586 and two 178E..... |

## KNIFE GRINDER

FOR 16598 AND 19173 TO 19179

| No.   | Plate | Name  |
|-------|-------|---|
| 27565 | 1104  | Emery Wheel, 2 in. diam.....                      |
| 1508J | 1105  | " " Clamping Nut.....                             |
| 27822 | 1105  | " " " " Washer.....                               |
| 27567 | 1105  | " " Shaft.....                                    |
| 60934 | ----  | " " 27567 with 1508J, 27565, 27569 and 27822..... |

| No.    | Plate | Name   |
|--------|-------|--|
| 27568  | 1105  | Emery Wheel Shaft Oil Hole Cover (rubber)  |
| 27569  | 1105  | " " " Pulley.....  |
| 310F   | 1105  | " " " Screw Center.....  |
| 1516D  | 1105  | " " " " " Nut.....   |
| 27564  | 1104  | Frame with 27574.....  |
| 899J   | 1105  | Knife Clamping Screw.....  |
| 27657  | ----  | " Holder Body for 27658.....   |
| 27679  | ----  | " " " " 27681.....   |
| 27658  | 1105  | Knife Holder complete, Nos. 899J, 27657 and 27660.....   |
| 27681  | 8423  | Knife Holder complete, Nos. 899J, 11833, 27660 and 27679.....  |
| 126392 | 8423  | Knife Holder.....  |
| 126393 | 8423  | Knife Holder complete for 16598 and 19173 to 19179, for 27661, Nos. 227J, 899J, 11833, 27660, 126392 and 126394..... |
| 27323  | 1105  | Knife Holder Guide Bar.....  |
| 27572  | 1104  | " " " " " Bracket with 27574   |
| 310F   | 1105  | " " " " " Screw Center.....  |
| 1516J  | 1105  | Knife Holder Guide Bar Bracket Screw Center Nut.....   |
| 27573  | 1105  | Knife Holder Guide Bar Bracket Spring....  |
| 27574  | 1105  | " " " " " " " Hook   |
| 27659  | 1105  | " " " Stop Collar with 237K.....   |
| 237K   | 1105  | " " " " " Set Screw.....   |
| 27660  | 8419  | " Position Pin for 27658.....  |
| 27660  | 8419  | " " " (lower) for 27681 and 126393.....  |
| 11833  | 8419  | Knife Position Pin (upper) for 27681 and 126393.....   |
| 261J   | 1105  | Knife Regulating Thumb Screw.....  |
| 126394 | 8420  | " Stop.....  |
| 227J   | 8420  | " " Screw.....   |
| *60583 | ----  | Knife Grinder, Nos. 261J, 27323, 27564, 27572, 27573, 27659, 60934, two 27568 and four each 310F and 1516J.....      |
| 27661  | ----  | Knife Grinder complete, Nos. 27682, 60583, either 27668, 27681 or 126393 and three wood screws 1 in. No. 10.....     |
| 27662  | 1104  | Wrench for 1508 and 1516.....  |

## KNEE LIFTER PARTS

| No.   | Plate | Name                             |
|-------|-------|----------------------------------|
| 5596  | 6152  | Bell Crank.....                  |
| 56848 | ----  | " " 5596 with 5599 and 5601..... |

| No.   | Plate | Name  |
|-------|-------|---|
| 5599  | 6152  | Bell Crank Bracket.....   |
| 178E  | 8403  | " " " Screw.....  |
| 5601  | 8419  | " " " Hinge Pin.....  |
| 5735  | 6152  | " " " Spring.....   |
| 5598  | 6152  | Bell Crank complete, Nos. 5735 and 56848.   |
| 16585 | 8421  | Lifting Lever with 448C, for 16587.....   |
| 12415 | 8421  | " " " Connecting Rod.....   |
| 12416 | 8419  | " " " " " Joint.....  |
| 76D   | 8403  | " " " " " Hinge Screw.....  |
| 1521E | 8403  | Lifting Lever Connecting Rod Lock Nut....   |
| 802D  | 8419  | " " " Hinge Screw.....  |
| 12241 | 8424  | " " " Link for 16587.....   |
| 766D  | 8403  | " " " " Hinge Screw.....  |
| 16586 | 8424  | " " " Pin for 16587.....  |
| 448C  | 8409  | " " " Set Screw.....  |
| 2759  | 8423  | " Rod with 2761.....  |
| 2761  | 8420  | " " Cap (washer).....   |
| 2762  | 8420  | " " Collar with 362C.....   |
| 362C  | 8403  | " " " Set Screw.....  |
| 2760  | ----  | " " 2759 with 2762.....   |
| 2763  | 8406  | Rock Shaft.....   |
| 12242 | 8421  | " " " Hanger with two wood screws 1 in. No. 10.....   |
| 2765  | 8406  | Rock Shaft Knee Arm for 2768.....   |
| 2766  | 8406  | " " " " Hub with 356C.....  |
| 356C  | 8403  | " " " " " Set Screw.....  |
| 2768  | ----  | " " " " 2765 with 2766 and 2767.....  |
| 2767  | 8406  | Rock Shaft Knee Plate with 356C.....  |
| 356C  | 8403  | " " " " " Set Screw.....  |
| 6337  | 8406  | " " " Lifting Bracket with two 356C.  |
| 2778  | 8406  | " " " " " Hook.....   |
| 356C  | 8403  | " " " " " Set Screw   |
| 356C  | 8403  | " " " " " Set Screw.....  |
| 2770  | 8406  | " " " Stop Dog with 356C.....   |
| 356C  | 8403  | " " " " " Set Screw.....  |
| 2777  | 8406  | " " " 2763 with 2768, 2770, 2778, 6337 and two 12242, for 16587.....  |
| 16587 | ----  | Knee Lifter complete (power table) Nos. 76D, 766D, 902D, 1521E, 2777, 5598, 12241, 12415, 12416, 16585, 16586 and two 178E. |

## PLAIN ROLLER PRESSERS

| Diameter of Roller      | 9/16"  | 5/8"  | 7/8"   | 1 1/4" | 1 1/4" | 1 1/4" |
|-------------------------|--------|-------|--------|--------|--------|--------|
| Face of Roller          | 3/32"  | 3/32" | 9/64"  | 3/16"  | 9/64"  | 3/16"  |
| Knurl of Roller         | coarse | fine  | coarse | coarse | fine   | coarse |
| Roller                  | 51801  | 51802 | 1868   | 1895   | 1912   | 1897   |
| Roller Arm              | 24903  | 24903 | 62877  | 62877  | 16573  | 24990  |
| Roller Screw            | 388D   | 388D  | 652D   | 652D   | 386D   | 386D   |
| Roller Screw Nut        | 1550H  | 1550H | 1528J  | 1528J  | 1528J  | 1528J  |
| Roller Presser complete | 24904  | 24905 | 62721  | 62880  | 16581  | 62627  |

## BALL BEARING ROLLER PRESSERS

| Diameter of Roller        | 7/8"    | 1 1/4" |
|---------------------------|---------|--------|
| Face of Roller            | 9/64"   | 7/32"  |
| Knurl of Roller           | coarse  | coarse |
| Roller complete           | 51902   | 51863  |
| Roller Arm                | 62857   | 62747  |
| Roller Ball               | 206417  | 16232  |
| Roller Ball Retaining Nut | 201699  | 1766C  |
| Roller Screw              | 350104C | 50553C |
| Roller Nut                | 1528J   | 1528J  |
| Roller Presser complete   | 62868   | 62748  |

## BALL BEARING ROLLER PRESSERS WITH RATCHET BRAKE

| Diameter of Roller                          | 7/8"    | 7/8"    | 7/8"    | 7/8"    | 7/8"    | 1 1/4" | 1 1/4" |
|---|---------|---------|---------|---------|---------|--------|--------|
| Face of Roller                              | 9/64"   | 3/32"   | 1/3"    | 1/3"    | 9/64"   | 7/32"  | 1/2"   |
| Knurl of Roller                             | coarse  | fine    | coarse  | fine    | fine    | coarse | coarse |
| Roller complete                             | 51890   | 51912   | 51909   | 51907   | 51882   | 51894  | 51892  |
| Roller Arm                                  | 62840   | 62840   | 62840   | 62840   | 62840   | 44274  | 62843  |
| Roller Ball                                 | 206417  | 206417  | 206417  | 206417  | 206417  | 16232  | 16232  |
| Roller Ball Retaining Nut                   | 201699C | 201699C | 201699C | 201699C | 201699C | 1766C  | 1766C  |
| Roller Ratchet Spring Stop                  | 62850   | 62850   | 62850   | 62850   | 62850   | 62853  | 62853  |
| Roller Ratchet Spring Stop Bracket          | 62851   | 62851   | 62877   | 62851   | 62851   | 62851  | 62851  |
| Roller Ratchet Spring Stop Bracket complete | 62852   | 62852   | 62878   | 62852   | 62852   | 62854  | 62854  |
| Roller Ratchet Spring Stop Bracket Screw    | 230F    | 230F    | 230F    | 230F    | 230F    | 230F   | 230F   |
| Roller Ratchet Spring Stop Screw            | 365J    | 665J    | 665J    | 665J    | 665J    | 665J   | 665J   |
| Roller Screw                                | 350104C | 350104C | 350104C | 350104C | 350104C | 50553C | 50553C |
| Roller Screw Nut                            | 1528J   | 1528J   | 1528J   | 1528J   | 1528J   | 1528J  | 1528J  |
| Roller Presser complete                     | 44276   | 6288C   | 62891   | 62971   | 62842   | 44279  | 62849  |

# THREAD UNWINDER

| No.     | Plate | Name  |
|---------|-------|---|
| 225259  | 8405  | Spool Rest with 201013C.....  |
| 150203  | 8405  | " " Cushion (felt).....   |
| 225388  | 8405  | " " Rod.....  |
| 200383C | 8403  | " " Set Screw.....  |
| 201013C | 8403  | " " Set Screw.....  |
| 202490  | 8405  | " Stand with 200383C.....   |
| 225391  | 8405  | Thread Guide.....   |
| 201696J | 8403  | " " Lock Nut.....   |
| 225326  | 8420  | " " Position Cup.....   |
| 225324  | 8405  | " " Rod with 208E and 225322....  |
| 208E    | 8412  | " " Screw.....  |
| 225322  | 8403  | " " Washer.....   |
| 225260  | 8405  | Thread Unwinder complete, Nos. 150203,<br>201696J, 202490, 225259, 225324, 225326,<br>225388, 225391 and three wood screws<br>7/8 in. No. 12..... |
| 27739   | 8405  | Thread Cone (wood) for large cones.....   |
| 225390  | 8405  | " " Holder for inverted cones....   |

Note: Nos. 27739 and 225390 are used with but not included in 225260.

# OBSOLETE PARTS

| No.   | Plate | Name   |
|-------|-------|--|
| 16532 | 8424  | Arm Dowel Pin.....   |
| 19219 | 8424  | Bed Frame Cushion (leather) for 19218 and<br>19399.....                            |
| 12405 | 8399  | Bed Frame Cushion (felt) for 16554.....  |
| 180C  | 8424  | " " " Screw for 16554.....   |
| 19220 | 8424  | " " " Spring for 19213 and<br>19399.....   |
| 19226 | 8424  | Bed Frame Hinge Connection for 19228 and<br>19398.....                             |
| 19227 | ----  | Bed Frame Hinge Connection Cap for 19228,<br>use 19397.....                        |
| 19397 | 8424  | Bed Frame Hinge Connection Cap for 19398.  |
| 211E  | 8424  | " " " " " Screw.....   |
| 19228 | ----  | Bed Frame Hinge Connection complete, Nos.<br>211E, 19226 and 19227, use 19398..... |
| 19398 | ----  | Bed Frame Hinge Connection complete, for<br>19399, Nos. 211E, 19226 and 19397..... |
| 16555 | 8424  | Bed Frame Hinge Plate for 16554, 19218 and<br>19399.....                           |
| 14010 | 8424  | Bed Frame Hinge Plate Rivet.....   |

| No.    | Plate | Name   |
|--------|-------|--|
| 16554  | ----  | Bed Frame with two 16555, four each 190C<br>and 12405 and six wood screws 1 1/4<br>in. No. 10, use 24108.....  |
| 19218  | ----  | Bed Frame with two 16555, four each 19219<br>19220 and six each 14010 and wood<br>screws 1 1/4 in. No. 10 and eight<br>158C, use 24108.....                        |
| 19399  | 8426  | Bed Frame complete, Nos. 970D, two each<br>16555, 19398, four each 19219, 19220,<br>six each 14010, wood screws 1 1/4 in.<br>No. 10 and eight 158C, use 24108..... |
| 5602   | 8424  | Bell Crank Spring for 5598.....  |
| 12365  | 8421  | Crank Connecting Rod with 14013 and two<br>896C.....   |
| 12496  | 8421  | Crank Connecting Rod with 14013 and two<br>896E, use 20197.....  |
| *14013 | ----  | Crank Connecting Rod Cap for 12365 and...<br>12496.....  |
| 375C   | 8409  | Crank Connecting Rod Hinge Screw.....  |
| 1518E  | 8412  | " " " " " Nut for<br>375C.....   |
| 12428  | 8421  | Feed and Feed Lifting Eccentric with 446C  |
| 446C   | 8409  | " " " " " Set Screw<br>for 12428.....  |
| 16507  | ----  | Feed Rock Shaft complete, Nos. 3043 and<br>16506, use 24376.....   |
| 3043   | 770   | Feed Rock Shaft Crank with 462C, for<br>16507.....   |
| 462C   | 8412  | Feed Rock Shaft Crank Set Screw for 3043.  |
| 1075E  | 8424  | Guide Finger Holder Carrier Regulating<br>Screw Stud.....  |
| 463C   | 8424  | Guide Finger Holder Stop Screw.....  |
| 16561  | 8423  | Knife Bar with 2301, for 16590.....  |
| 16562  | 8423  | " " Crank with 191C, for 16589.....  |
| 897C   | 1338  | " " " Coupling Pin for 16589...  |
| 16589  | ----  | Knife Bar Crank complete for 24110, Nos.<br>897C, 1564D, 2297 and 16562, use 24432.  |
| 24110  | ----  | Knife Bar Driving Crank Bracket complete,<br>Nos. 2022, 16563, 16564 and 16589, use<br>24433.....  |
| 16565  | ----  | Knife Bar Handle for 16590 and 19301.....  |
| 16566  | ----  | " " Lifting Spring for 44-4 Machine  |
| 19299  | 8424  | " " " " " Hook for 19301..   |
| 2266   | 8412  | " " " " " " 16590..  |
| 16590  | ----  | Knife Bar complete, for 44-4 Machine, Nos.<br>621J, 2266, 16561, 16565, 16567 and two<br>335H, use 19301.....  |
| 19301  | ----  | Knife Bar complete, for 44-4 and 44-7 Ma-<br>chines, Nos. 621D, 16565, 16567, 19297,<br>19299 and two 335H.....  |

| No.    | Plate | Name  |
|--------|-------|---|
| 463C   | 8424  | Knife Holder Stop Screw for 24371.....  |
| 20368  | 770   | Needle Bar Connecting Stud complete, Nos. 453C, 12383 and 20367, use 12384.....   |
| 20367  | 770   | Needle Bar Connecting Stud Slide Block for 20368.....   |
| 696E   | 8424  | Needle Bar Plug Screw.....  |
| 12495  | 8424  | " " " Rivet.....  |
| 19487  | ----  | Oil Cup with 12486, for 44-4 Machine, use 24024.....  |
| *24020 | 8423  | Oil Cup for 24024.....  |
| 24023  | 8423  | " " Extension with 24075, for 24024..   |
| 12486  | ----  | " " Packing (felt) for 24024.....   |
| 24024  | 8423  | Oil Cup complete, for 44-4, 44-7 and 44-25 Machines, Nos. 12486, 24020 and 24023, use 44225.....                        |
| 12386  | 8423  | Oscillating Rock Shaft for 12387.....   |
| 12387  | ----  | Oscillating Rock Shaft complete, Nos. 4784 12386 and 12388.....   |
| 12497  | ----  | Oscillating Rock Shaft for 908C and 1902, for 12498, use 24104.....   |
| 12498  | ----  | Oscillating Rock Shaft complete, Nos. 4784 12388 and 12497, use 24105.....  |
| 12443  | 8424  | Oscillating Rock Shaft Oil Pad for 16508.   |
| 16508  | 8425  | " " " " Holder with 12443.....  |
| 238D   | 8415  | Oscillating Rock Shaft Oil Pad Holder Screw.....  |
| 12390  | 8425  | Oscillating Shaft Crank complete, Nos. 457C, 1518E, 1902 and 19496.....   |
| 1902   | 8425  | Oscillating Shaft Crank Roller and Screw Stud.....  |
| 1518E  | 8412  | Oscillating Shaft Crank Roller and Screw Stud Nut.....  |
| 16570  | 8423  | Presser Bar (hollow) for 44-4 and 44-7 Machines.....  |
| 1907   | 8425  | Roller, 9/16 in., diam., 3/32 in. face, fine, with 388D and 1550J, for 16577.   |
| 1908   | ----  | Roller, 9/16 in. diam., 3/32 in. face, coarse, with 388D and 1550J, for 16578.....                                      |
| 16571  | 8425  | Roller Arm for 16577 and 16578.....   |
| 16574  | 8425  | " " Bracket for 16570.....  |
| 16575  | 8425  | " " " Position Collar with 456C, for 16570.....   |
| 16576  | 8425  | Roller Arm Bracket Spring for 16574.....  |
| 16577  | ----  | Roller Presser complete, 9/16 in. coarse roller, for 44-4, 44-7 and 44-25 Machines, Nos. 1907 and 16571, use 24904..... |

| No.    | Plate | Name   |
|--------|-------|--|
| 16578  | ----  | Roller Presser complete, 9/16 in. fine roller, for 44-4, 44-7 and 44-25 Machines, Nos. 1908 and 16571, use 24905                           |
| 15003  | 8425  | Shuttle Bobbin Case Hinge Nos. 2972 to 2974.....   |
| 2972   | 8425  | Shuttle Bobbin Case Latch for 15003.....   |
| 12417  | ----  | Shuttle Bobbin Case complete for 12392, Nos. 591F, 592E, 2523, 2526, 2975, 7553 and 15003, use 19293.....                                  |
| 19293  | 8425  | Shuttle Bobbin Case complete for 19292, Nos. 591F, 592E, 2523, 2975, 7553, 15003 and 15098, use 62740.....                                 |
| 24074  | 8425  | Shuttle Bobbin Case complete for 19292, Nos. 591F, 592E, 2523, 2975, 7553, 15098 and 15146, obsolete, use 62740.....                       |
| 12392  | ----  | Shuttle, 1 11/16 in. diam., Nos. 2996, 12393 and 12417, use 19292.....   |
| 648D   | 8418  | Shuttle Race Back Spring Screw.....  |
| 5708   | ----  | " " Body for 16583 and 19181....   |
| 16583  | 1355  | Shuttle Race complete, for 44-4 and 44-7 Machines, Nos. 648D, 2531, 2533, 5708, 16584 and two each 662D and 2532, use 24419.....           |
| 19181  | 1355  | Shuttle Race complete for 19174, for 44-4 and 44-7 Machines, Nos. 648D, 2531, 2533, 5708, 19182 and two each 662D and 2532, use 24421..... |
| 647C   | 8414  | Shuttle Race Screw, use 145D.....  |
| 240D   | 8412  | " " Slide Spring Screw for 12432   |
| 2526   | 8425  | " Tension Spring for 12417, use 15098  |
| 15098  | 8425  | " " Spring.....  |
| 20081  | 8424  | Tension Screw Stud Bushing.....  |
| 448C   | 8409  | " " " " Set Screw....  |
| 20062  | 8424  | " " " Flange.....  |
| 20063  | 8424  | " " " Collar.....  |
| 12400  | 8425  | Thread Retainer Sleeve.....  |
| 12401  | 8425  | " " Spring.....  |
| 12402  | 8425  | " " Stud.....  |
| 460C   | 8425  | " " " Set Screw.....   |
| 12399  | ----  | Thread Retainer complete, for 44-4, 44-7 and 44-25 Machines, Nos. 12400 to 12402, use 52379.....   |
| 210993 | 8425  | Thread Retaining Sleeve.....   |
| 52398  | 8425  | " " Spring.....  |
| 52378  | 8424  | " " Stud.....  |
| 210958 | 8425  | " " " Collar.....  |
| 52379  | ----  | Thread Retainer complete, Nos. 52378, 52398, 210958 and 210993.....  |
| 430C   | 8425  | Thread Take-up Lever Link Hinge Pin Set Screw.....   |

## NUMERICAL LIST OF PARTS

| No.  | Plate | Name   |
|------|-------|--|
| 35D  | 8415  | Bobbin Winder Stop Latch Hinge Screw for 27647 and 27650.....  |
| 76D  | 8403  | Lifting Lever Connecting Rod Joint Hinge Screw for 16587 and 24426.....                              |
| 81D  | 1270  | Throat Plate Extension Adjusting Link Hinge Screw for 19102 and 62621.....                           |
| 119C | 8412  | Feed Wheel Frame Adjusting Screw for 19302.....  |
| 144D | 8409  | Arm Shaft Screw.....   |
| 145D | 8418  | Shuttle Race Screw.....  |
| 151C | 8412  | Feed Wheel Friction Plate (back) Screw for 19302.....  |
| 157J | 8412  | Feed Lifting Rock Shaft Crank (front) Clamping Screw for 12376.....                                  |
| 157J | 8412  | Feed Rock Shaft Crank Clamping Screw for 29633.....  |
| 158E | 8399  | Bed Frame Cushion Screw for 19218, 19399 and 24108.....  |
| 178E | 8403  | Bell Crank Bracket Screw for 16587 and 24426.....  |
| 180C | 8424  | Bed Frame Cushion Screw for 16554, obsolete  |
| 183C | 8412  | Feed Wheel Friction Plate (front) Screw for 19302.....   |
| 183F | 8412  | Feed Wheel Retaining Clutch Cap Screw for 19302.....   |
| 190J | 8418  | Roller Presser Screw for 19464.....  |
| 191C | 8414  | Knife Bar Crank Set Screw for 16562 and 24431.....   |
| 196J | 8394  | Finger Guard Holder Clamping Screw for 36820.....  |
| 203J | 8409  | Face Plate Screw.....  |
| 208E | 8412  | Feed Dog Screw.....  |
| 208D | 8412  | Knife Screw for 16567.....   |
| 208E | 8412  | Thread Unwinder Thread Guide Rod Screw for 225324.....   |
| 210D | 8409  | Balance Wheel Oil Cover Screw.....   |
| 211E | 8424  | Bed Frame Hinge Connection Cap Screw, obsolete, for 19228 and 19398.....                             |
| 223F | 8414  | Knife Screw for 24373.....   |
| 226J | 8394  | Oscillating Shaft Crank Slide Block Cap Screw for 19449.....   |
| 227J | 8420  | Knife Grinder Knife Stop Screw for 126393.   |
| 230F | 8402  | Roller Ratchet Spring Stop Bracket Screw for 44276, 44279, 62842, 62849, 62871, 62880 and 62891..... |
| 235J | 8419  | Finger Guard Screw for 120498.....   |

SINGER Needles should be used  
in SINGER Machines.  
These Needles and their Containers  
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Needles in Containers marked  
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are NOT **SINGER** made needles. 2

## NUMERICAL LIST OF PARTS



| No.  | Plate | Name   |
|------|-------|--|
| 237K | 1105  | Knife Grinder Knife Holder Stop Collar Set Screw for 27659.....                            |
| 238D | 8415  | Oscillating Rock Shaft Oil Pad Holder Screw, obsolete.....                                 |
| 238D | 8415  | Throat Plate Cutting Bar Screw for 16597, 19101, 19180, 24339, 24369, 24390 and 62619..... |
| 240D | 8412  | Feed Wheel Retaining Clutch Spring Screw for 19302.....                                    |
| 240D | 8412  | Shuttle Race Slide Spring Screw for 12432, obsolete.....                                   |
| 240D | 8412  | Throat Plate Extension Screw for 62575 and 62620.....                                      |
| 261J | 1105  | Knife Grinder Knife Regulating Thumb Screw for 60583.....                                  |
| 284J | 8415  | Guide Thumb Screw for 25875 and 26836.....   |
| 289D | 1270  | Throat Plate Extension Adjusting Thumb Screw for 62575 and 62620.....                      |
| 307C | 8412  | Feed Lifting Rock Shaft Screw Center for 56814.....  |
| 307C | 8412  | Feed Rock Shaft Screw Center for 56814....   |
| 307C | 8412  | " Wheel Frame Shaft Screw Center for 56814.....  |
| 310F | 1105  | Knife Grinder Emery Wheel Shaft Screw Center for 60583.....                                |
| 310F | 1105  | Knife Grinder Knife Holder Guide Bar Bracket Screw Center.....                             |
| 313C | 8409  | Feed Bar Screw Center for 56813.....   |
| 313C | 8409  | " Wheel Driver Link Screw Center for 56813.....  |
| 324D | 8412  | Feed Wheel Driver Link Screw for 24370....   |
| 335H | 8414  | Knife Holder Screw for 16590, 19301, 24127 and 24374.....                                  |
| 356C | 8403  | Rock Shaft Knee Arm Hub Set Screw for 2766   |
| 356C | 8403  | " " " Plate Set Screw for 2767..   |
| 356C | 8403  | " " Lifting Bracket Hook Set Screw for 6337.....   |
| 356C | 8403  | Rock Shaft Lifting Bracket Set Screw for 6337.....   |
| 356C | 8403  | Rock Shaft Stop Dog Set Screw for 2770....   |
| 362C | 8403  | Lifting Rod Collar Set Screw for 2762.....   |
| 375C | 8409  | Crank Connecting Rod Hinge Screw, obsolete   |
| 375C | 8409  | Feed Connecting Link Hinge Screw.....  |
| 375C | 8409  | " Forked Connection Hinge Screw.....   |
| 375C | 8409  | " Lifting Rock Shaft Crank Connecting Rod Hinge Screw.....                                 |
| 386D | 8403  | Roller Screw for 1897, 1911 and 1912.....  |
| 388D | 8403  | " " " 1907, 1908, 51801 and 51802  |

| No.  | Plate | Name  |
|------|-------|---|
| 391J | 8402  | Shuttle Bobbin Case Position Plate Screw for 24419, 24421, 62756 and 62760..... |
| 418E | 8420  | Bobbin Winder Tension Screw Stud for 27308                                      |
| 430C | 8425  | Thread Take-up Lever Link Hinge Pin Set Screw, obsolete.....                    |
| 435C | 8398  | Thread Take-up Lever Link Hinge Pin Set Screw.....                              |
| 442C | 8414  | Knife Holder Stop Screw for 24372.....  |
| 446C | 8409  | Feed and Feed Lifting Eccentric Set Screw for 12428.....                        |
| 446C | 8409  | Feed Cam and Feed Lifting Eccentric Set Screw for 12197.....                    |
| 446C | 8409  | Feed Eccentric Set Screw for 5570.....  |
| 448C | 8409  | Arm Shaft Flanged Bushing (back) Set Screw                                      |
| 448C | 8409  | Balance Wheel Set Screw for 24296.....  |
| 448C | 8409  | Needle Bar Crank Set Screw for 16569.....                                       |
| 448C | 8409  | Lifting Lever Pin Set Screw for 16585.....                                      |
| 448C | 8409  | Oscillating Rock Shaft Hinge Pin Set Screw                                      |
| 448C | 8409  | Tension Screw Stud Bushing Set Screw, obsolete.....                             |
| 448C | 8409  | Thread Take-up Spring Regulator Set Screw.                                      |
| 453C | 8412  | Feed Wheel Frame Set Screw for 19287.....                                       |
| 453C | 8412  | Needle Bar Connecting Stud Set Screw for 12384 and 20368.....                   |
| 453C | 8412  | Oscillating Shaft Crank Set Screw for 44135.....                                |
| 453C | 8412  | Presser Bar Guide Bracket Set Screw for 12326.....                              |
| 456C | 8418  | Roller Arm Bracket Position Collar Set Screw for 16575 and 19443.....           |
| 457C | 8394  | Oscillating Shaft Crank Set Screw for 12390 and 19447.....                      |
| 460C | 8425  | Thread Retainer Stud Set Screw, obsolete..                                      |
| 462C | 8412  | Feed Lifting Rock Shaft Crank (back) Set Screw for 16556.....                   |
| 462C | 8412  | Feed Rock Shaft Crank Set Screw for 3043, obsolete.....                         |
| 463C | 8424  | Guide Finger Holder Stop Screw, obsolete..                                      |
| 463C | 8424  | Knife Holder Stop Screw for 24371, obsolete                                     |
| 591F | 8403  | Shuttle Tension Regulating Screw for 12417 19293, 24074 and 62740.....          |
| 592E | 8396  | Shuttle Bobbin Case Latch Stop Screw for 12417, 19293, 24074 and 62740.....     |
| 620F | 8414  | Needle Bar Thread Guard Set Screw for 16568.....                                |
| 621J | 8414  | Knife Bar Lifting Spring Guide Bracket Screw for 16590, 19301, 24127 and 24374. |
| 624C | 8398  | Thread Retainer Set Screw.....  |
| 647C | 8414  | Knife Bar Driving Crank Bracket Screw.....                                      |

| No.  | Plate | Name  |
|------|-------|---|
| 647C | 8414  | Shuttle Race Screw, obsolete, use 145D....  |
| 648D | 8418  | " " Back Spring Screw for 16583<br>and 19181, obsolete.....   |
| 652D | 8403  | Roller Screw for 1841, 1868 and 1895.....   |
| 662D | 8418  | Shuttle Race Cap Screw for 16583, 19181,<br>62754 and 62758.....  |
| 665J | 8401  | Roller Ratchet Spring Stop Screw for 62852<br>62854 and 62878.....  |
| 688J | 8396  | Pressure Regulating Thumb Screw.....  |
| 689C | 8418  | Presser Bar Lifter Screw.....   |
| 690E | 8398  | Thread Take-up Crank Wedge Screw.....   |
| 691F | 8415  | Throat Plate Screw.....   |
| 696E | 8424  | Needle Bar Plug Screw, obsolete.....  |
| 723D | 1270  | Throat Plate Extension Adjusting Link<br>Thumb Screw for 62575 and 62620.....                                 |
| 725E | 8398  | Shuttle Race Slide Spring Screw for 12432.  |
| 725D | 8398  | Throat Plate Spring Slide Spring Stop<br>Screw for 16597, 19101, 19180, 24339,<br>24369, 24390 and 62619..... |
| 743C | 8414  | Needle Bar Crank Position Screw for 16569.  |
| 748E | 8409  | Arm Screw (back).....   |
| 766D | 8403  | Lifting Lever Link Hinge Screw for 16587<br>and 24426.....  |
| 775E | 8398  | Thread Take-up Lever Cap Screw.....   |
| 794E | 8414  | Needle Bar Connecting Link Adjusting Screw<br>for 12382.....  |
| 802D | 8419  | Lifting Lever Hinge Screw for 16587 and<br>24426.....   |
| 818D | 8412  | Feed Regulator Thumb Screw.....   |
| 868E | 8409  | Arm Screw (front).....  |
| 878J | 8414  | Oscillating Rock Shaft Hinge Pin Oil Hole<br>Stop Screw.....  |
| 896C | 8409  | Crank Connecting Rod Cap Screw for 12365,<br>12496 and 20197.....   |
| 897C | 1338  | Knife Bar Crank Coupling Pin for 16589,<br>obsolete.....  |
| 899J | 1105  | Knife Grinder Knife Clamping Screw for<br>27658, 27681 and 126393.....  |
| 904E | 8414  | Needle Set Screw for 16568 and 19265.....   |
| 907D | 8418  | Shuttle Race Back Spring Screw for 24419,<br>24421, 62757 and 62761.....                                      |
| 908C | 8409  | Crank Connecting Rod Hinge Screw.....   |
| 957F | 1270  | Throat Plate Screw.....   |
| 966E | 8412  | Feed Lifting Rock Shaft Crank Connecting<br>Rod Cap Screw for 43976.....                                      |
| 970D | 8399  | Bed Frame Thumb Screw for 19399 and 24108.  |
| 987E | 8418  | Roller Arm Bracket Screw Stud for 24445....   |
| 988C | 8394  | Oscillating Shaft Crank Slide Block Screw<br>Stud for 19449.....  |

| No.   | Plate | Name  |
|-------|-------|---|
| 1053E | 8418  | Shuttle Race Cap Screw for 62501 and 62502  |
| 1075E | 8424  | Guide Finger Holder Carrier Regulating<br>Screw Stud, obsolete.....   |
| 1128E | 8412  | Feed Regulator Hinge Screw.....   |
| 1162C | 8414  | Knife Bar Crank Coupling Pin for 24432....  |
| 1208J | 8418  | Shuttle Race Slide Spring Screw for 24810.  |
| 1268C | 8403  | " Driver Set Screw for 12444.....   |
| 1508J | 1105  | Knife Grinder Emery Wheel Clamping Nut for<br>60934.....  |
| 1513J | 8412  | Feed Lifting Rock Shaft Screw Center Nut<br>for 56814.....  |
| 1513J | 8412  | Feed Rock Shaft Screw Center Nut for 56814  |
| 1513J | 8412  | " Wheel Frame Shaft Screw Center Nut<br>for 56814.....  |
| 1516D | 1105  | Knife Grinder Emery Wheel Shaft Screw Cen-<br>ter Nut.....  |
| 1516J | 1105  | Knife Grinder Knife Holder Guide Bar<br>Bracket Screw Center Nut for 60583....  |
| 1518E | 8412  | Crank Connecting Rod Hinge Screw Nut for<br>375C, obsolete.....   |
| 1518E | 8412  | Feed Connecting Link Hinge Screw Nut.....   |
| 1518E | 8412  | " Forked Connection Hinge Screw Nut....   |
| 1518E | 8412  | " Lifting Rock Shaft Crank Connecting<br>Rod Hinge Screw Nut.....   |
| 1518E | 8412  | Oscillating Shaft Crank Roller and Screw<br>Stud Nut, for 12390, obsolete.....  |
| 1518E | 8412  | Oscillating Shaft Crank Slide Block Screw<br>Stud Nut for 19447 and 44135.....  |
| 1519J | 8409  | Feed Bar Screw Center Nut for 56813.....  |
| 1519J | 8409  | " Wheel Driver Link Screw Center Nut<br>for 56813.....  |
| 1520E | 8394  | Presser Bar Lifter Screw Nut.....   |
| 1521E | 8403  | Lifting Lever Connecting Rod Lock Nut for<br>16587 and 24426.....   |
| 1528J | 8396  | Feed Wheel Frame Adjusting Screw Nut for<br>19302.....  |
| 1528J | 8396  | Roller Screw Nut for 1841, 1868, 1895, 1897,<br>1911, 1912, 51863, 51882, 51890, 51892,<br>51894, 51902, 51907, 51909 and 51912.... |
| 1550J | 8403  | Roller Screw Nut for 1907, 1908, 51801 and<br>51802.....  |
| 1560C | 8398  | Tension Regulating Thumb Nut for 44141....  |
| 1562J | 8420  | Bobbin Winder Tension Regulating Thumb Nut<br>for 27308.....  |
| 1564D | 1338  | Knife Bar Crank Coupling Pin Head for<br>16589 and 24432.....   |
| 1580E | 1270  | Throat Plate Extension Adjusting Thumb<br>Screw Nut for 62575 and 62620.....  |
| 1819J | 8409  | Crank Connecting Rod Hinge Screw Nut.....   |

## NUMERICAL LIST OF PARTS

| No.   | Plate | Name   |
|-------|-------|--|
| 1620J | 8415  | Bobbin Winder Frame Hinge Screw Nut for 27647 and 27650.....                                 |
| 1766C | 8402  | Roller Ball Retaining Nut for 51863, 51892 and 51894.....                                    |
| 1813  | 8412  | Feed Lifting Rock Shaft Crank (front) Roller and Stud for 12376.....                         |
| 1841  | ----  | Roller, 7/8 in. diam., 9/64 in. face, fine with 652D and 1528J, for 62722.....               |
| 1868  | 8401  | Roller, 7/8 in. diam., 9/64 in. face, coarse with 652D and 1528J, for 62721.....             |
| 1895  | 8401  | Roller, 7/8 in. diam., 3/16 in. face, coarse, with 652D and 1528J, for 62680.....            |
| 1897  | 8401  | Roller, 1 1/4 in. diam., 3/16 in. face, coarse, with 386D and 1528J, for 62627.....          |
| 1902  | 8425  | Oscillating Shaft Crank Roller and Screw Stud for 12390, obsolete.....                       |
| 1904  | 770   | Needle Bar Connecting Stud Roller (roller only) for 12364.....                               |
| 1907  | 8425  | Roller, 9/16 in. diam., 3/32 in. face, fine, with 388D and 1550J, for 16577, obsolete.....   |
| 1908  | ----  | Roller, 9/16 in. diam., 3/32 in. face, coarse, with 388D and 1550J, for 16578, obsolete..... |
| 1911  | 8401  | Roller, 1 1/4 in. diam., 9/64 in. face, coarse, with 386D and 1528J, for 16581.....          |
| 1912  | ----  | Roller, 1 1/4 in. diam., 9/64 in. face, fine, with 386D and 1528J, for 16582.....            |
| 2022  | 8414  | Knife Bar Crank Pin for 24110 and 24433.....   |
| 2049  | 8396  | Oscillating Shaft Crank Pin.....   |
| 2049  | 8396  | Shuttle Driver Pin.....  |
| 2062  | 8418  | Presser Bar Lifter.....  |
| 2102  | 8398  | Bobbin Winder Tension Disc for 225462.....   |
| 2102  | 8398  | Tension Disc for 44118.....  |
| 2106  | 8420  | Bobbin Winder Tension Thread Guide for 27303.....  |
| 2252  | 8412  | Feed Wheel Friction Plate (front) for 19302.....   |
| 2254  | 8412  | Feed Wheel Retaining Clutch for 19302.....   |
| 2255  | 8412  | " " " " Cap for 19302.....   |
| 2256  | 8412  | " " " " Spring for 19302.....  |
| 2258  | 8411  | Feed Wheel for 15022, 19302, 24339 and 24369.....  |
| 2263  | 8417  | " " Driver with 2266, for 24370.....   |
| 2265  | 8412  | " " " Spring for 24370.....  |
| 2266  | 8412  | " " " Hook for 2263.....   |
| 2266  | 8412  | Knife Bar Lifting Spring Hook for 16590, obsolete.....                                       |
| 2291  | 1338  | Knife Screw Washer for 24373.....  |

## NUMERICAL LIST OF PARTS

| No.  | Plate | Name   |
|------|-------|--|
| 2297 | 1338  | Knife Bar Crank Coupling Pin Spring for 16589 and 24432.....   |
| 2301 | 8414  | Knife Bar Stop Pin for 16561 and 19297.....  |
| 2328 | 1338  | Throat Plate Spring Slide for 16597, 19101, 24339, 24390, 62619.....                                     |
| 2329 | 1338  | Throat Plate Spring Slide for 19130 and 24369.....   |
| 2330 | 1338  | Throat Plate Spring Slide Spring for 16597, 19101, 19130, 24339, 24369, 24390 and 62619.....             |
| 2455 | 8420  | Bobbin Winder Tension Disc for 27303.....  |
| 2523 | 8396  | Knife Bar Lifting Spring Guide Pin for 24906.....  |
| 2523 | 8396  | Shuttle Bobbin Case Position Finger Rivet for 12417, 19293, 24074 and 62740.....                         |
| 2526 | 8425  | Shuttle Tension Spring for 12417, obsolete use 15098.....  |
| 2531 | 8398  | Shuttle Race Back for 16583, 19181, 24419, 24421, 62757 and 62761.....                                   |
| 2532 | 8396  | Shuttle Race Back Position Pin for 16583, 19181, 62516, 62517, 62518, 62755, 62757, 62759 and 62761..... |
| 2533 | 8396  | Shuttle Race Back Spring for 16583, 19181, 24419, 24421, 62757 and 62761.....                            |
| 2759 | 8423  | Lifting Rod with 2761, for 2760.....   |
| 2760 | ----  | " " 2759 with 2762.....  |
| 2761 | 8420  | " " Cap (washer) for 2759.....   |
| 2762 | 8420  | " " Collar with 362C, for 2760.....  |
| 2763 | 8406  | Rock Shaft for 2777 and 4880.....  |
| 2765 | 8406  | " " Knee Arm for 2768.....   |
| 2766 | 8406  | " " " Hub with 356C, for 2768.....   |
| 2767 | 9406  | Rock Shaft Knee Plate with 356C, for 2768.....   |
| 2768 | ----  | " " " Arm 2765 with 2766 and 2767, for 2777.....   |
| 2770 | 8406  | Rock Shaft Stop Dog with 356C, for 2777 and 4880.....  |
| 2777 | 9406  | Rock Shaft 2763 with 2768, 2770, 2778, 6337 and two 12242, for 16587.....                                |
| 2779 | 8406  | Rock Shaft Lifting Bracket Hook for 2777.....  |
| 2827 | 8409  | Face Plate Thread Guard (upper) with 8505, for 16559.....  |
| 2972 | 8425  | Shuttle Bobbin Case Latch for 15003, obsolete.....   |
| 2973 | 8396  | Shuttle Bobbin Case Latch Lever for 15003 and 15141.....   |
| 2974 | 8396  | Shuttle Bobbin Case Latch Lever Fulcrum Pin for 15003 and 15141.....                                     |

| No.    | Plate | Name   |
|--------|-------|--|
| 12243  | 8406  | Rock Shaft Lifting Bracket Hook for 4880..   |
| 12326  | 770   | Presser Bar Guide Bracket with 453C.....   |
| 12327  | 8394  | " " Lifting and Releasing Lever Bracket.....   |
| 12329  | 8398  | Tension Releasing Lever Spring.....  |
| 12357  | 8388  | Arm Shaft Flanged Bushing (back).....  |
| 12361  | 8399  | Machine Hinge Connection for 44140 and 44180 (Attachments and Accessories)...                              |
| 12365  | 8421  | Crank Connecting Rod with 14013 and two 896C, obsolete.....  |
| 12368  | 8410  | Feed Bar.....  |
| 12376  | 770   | " Lifting Rock Shaft Crank (front) with 157J and 1813, for 16588.....                                      |
| 12332  | 770   | Needle Bar Connecting Link with 794E, for 43997.....   |
| *12383 | ----  | Needle Bar Connecting Stud for 12384 and 20368.....  |
| 12384  | 770   | Needle Bar Connecting Stud complete, Nos. 453C, 1904 and 12383, for 43997.....                             |
| 12386  | 8423  | Oscillating Rock Shaft for 12387, obsolete   |
| 12387  | ----  | Oscillating Rock Shaft complete 4784, 12386 and 12388, obsolete.....                                       |
| 12388  | 8410  | Oscillating Rock Shaft Hinge Pin for 12387 12498 and 24105.....  |
| 12390  | 8425  | Oscillating Shaft Crank complete, Nos. 457C 1518E, 1902 and 19496, obsolete.....                           |
| 12392  | ----  | Shuttle, 1 11/16 in. diam., Nos. 2996, 12393 and 12417, obsolete, use 19292..                              |
| 12393  | 8396  | Shuttle Body for 12392 and 19292.....  |
| *12394 | ----  | " Driver for 12444.....  |
| 12398  | 8398  | Tension Releasing Lever Hinge Pin.....   |
| 12399  | ----  | Thread Retainer complete, for 44-4, 44-7 and 44-25 Machines, Nos. 12400 to 12402, obsolete, use 52379..... |
| 12400  | 8425  | Thread Retainer Sleeve for 12399, obsolete   |
| 12401  | 8425  | " " Spring for 12399, obsolete   |
| 12402  | 8425  | " " Stud, for 12399, obsolete.   |
| 12403  | 8388  | Arm Spool Pin and Thread Eyelet.....   |
| 12404  | 8398  | Thread Take-up Crank.....  |
| 12405  | 8399  | Machine Rest (felt) Attachments and Accessories.....   |
| 12405  | 8399  | Bed Frame Cushion (felt) for 16554, obsolete.....  |
| 12408  | 770   | Thread Take-up Lever for 12410.....  |
| 12409  | 770   | " " Link for 12410.....  |
| 12410  | ----  | Thread Take-up Lever complete, Nos. 12166, 12403 and 12409.....  |
| 12415  | 8421  | Lifting Lever Connecting Rod for 16587 and 24426.....  |

| No.    | Plate | Name  |
|--------|-------|---|
| 12416  | 8419  | Lifting Lever Connecting Rod Joint for 16587 and 24426.....   |
| 12417  | ----  | Shuttle Bobbin Case complete for 12392, Nos. 591F, 592E, 2523, 2526, 2975, 7553 and 15003, obsolete, use 19293..... |
| 12424  | 8394  | Oscillating Shaft Crank Slide Block Cap Screw Washer for 19449.....   |
| 12428  | 8421  | Feed and Feed Lifting Eccentric with 446C, obsolete.....  |
| 12429  | 8410  | Feed Forked Connection.....   |
| 12431  | ----  | Shuttle Race Slide for 12432 and 24810....  |
| 12432  | 8422  | Shuttle Race Slide complete, Nos. 4307, 12431 and two 725E.....   |
| 12443  | 8424  | Oscillating Rock Shaft Oil Pad for 16508, obsolete.....   |
| 12444  | 8418  | Shuttle Driver 12394 with two 1266C.....  |
| 12453  | 8409  | Arm Oil Tube for intermediate bearing.....  |
| 12454  | 8409  | " " " with 132590, for oiling 12409   |
| 12459  | 8414  | Oscillating Rock Shaft Hinge Pin Oil Hole Stop Screw Washer (leather).....  |
| 12486  | ----  | Oil Cup Packing (felt) for 19487 and 24024 obsolete.....  |
| 12495  | 8424  | Needle Bar Plug Screw Rivet obsolete.....   |
| 12496  | 8421  | Crank Connecting Rod with 14013 and two 896C, obsolete, use 20197.....  |
| 12497  | ----  | Oscillating Rock Shaft 908C and 1902, for 12498, obsolete, use 24104.....   |
| 12498  | ----  | Oscillating Rock Shaft complete, Nos. 4784 12388 and 12497, obsolete, 24105.....                                    |
| 14010  | 8424  | Bed Frame Hinge Plate Rivet for 19218 and 19399, obsolete.....  |
| *14013 | ----  | Crank Connecting Rod Cap for 12385 and 12496, obsolete.....   |
| 14026  | 8414  | Knife Holder Handle Rivet.....  |
| 14026  | 8414  | " " " Hinge Pin for 24373...  |
| 15003  | 8425  | Shuttle Bobbin Case Hinge, Nos. 2972 to 2974, for 12417 and 19293, obsolete...                                      |
| 15022  | 8411  | Feed Wheel 2258, coarse teeth for 24339 and 24369.....  |
| 15072  | 8415  | Bobbin Winder Bobbin Position Pin for 27538.....  |
| 15098  | 8425  | Shuttle Tension Spring for 19293 and 24074 obsolete.....  |
| 15140  | 8396  | Shuttle Bobbin Case Latch for 15141.....  |
| 15141  | 8396  | " " " Hinge Nos. 2973, 2974 and 15140, for 24074 and 62740.....   |
| 15278  | 8396  | Shuttle Tension Spring for 62740.....   |
| *15404 | ----  | Trade Mark for 16557.....   |
| 15405  | 8398  | " " Rivet for 16557.....  |

| No.   | Plate | Name   |
|-------|-------|--|
| 16232 | 8403  | Roller Ball for 51863, 51892 and 51894.....  |
| 16504 | 8410  | Feed Lifting Rock Shaft for 16588.....   |
| 16506 | 8411  | " Rock Shaft for 16507 and 24376.....  |
| 16507 | ----  | Feed Rock Shaft complete, Nos. 3043 and 16506, obsolete, use 24376.....  |
| 16508 | 8425  | Oscillating Rock Shaft Oil Pad Holder with 12443, obsolete.....  |
| 16509 | 8417  | Oscillating Shaft.....   |
| 16511 | 8388  | Arm Shaft for 62541.....   |
| 16532 | 8424  | " Dowel Pin, obsolete.....   |
| 16554 | ----  | Bed Frame with two 16555, four each 180C, and 12405 and six wood screws 1 1/4 in. No. 10, obsolete, use 24108..... |
| 16555 | 8424  | Bed Frame Hinge Plate for 16554, 19218 and 19399, obsolete.....  |
| 16556 | 8412  | Feed Lifting Rock Shaft Crank (back) with 462C, for 16588.....   |
| 16557 | ----  | Arm with 11104, 15404 and two 15405.....   |
| 16558 | ----  | Face Plate for 16559.....  |
| 16559 | 8410  | Face Plate complete, Nos. 2827, 12150 and 16558.....   |
| 16560 | 1338  | Feed Dog, 10 teeth (16 teeth to the inch) for 16597, 19101, 19180 and 62619.....                                   |
| 16561 | 8423  | Knife Bar with 2301, for 16590, obsolete..   |
| 16562 | 8423  | " " Crank with 191C, for 16589, obsolete.....  |
| 16563 | 8413  | Knife Bar Driving Crank (forked) for 24110 and 24433.....  |
| 16564 | 8413  | Knife Bar Driving Crank Bracket for 24110 and 24433.....   |
| 16565 | ----  | Knife Bar Handle for 16590 and 19301, obsolete.....  |
| 16566 | ----  | Knife Bar Lifting Spring for 44-4 Machine, obsolete.....   |
| 16567 | 8414  | Knife Holder with two 208D, for 16590, 19301 and 24127.....  |
| 16568 | 8413  | Needle Bar with 620F, 904E and 24391.....  |
| 16569 | 8413  | " " Crank (eccentric) with 448C and 743C, for 62541.....   |
| 16570 | 8423  | Presser Bar (hollow) for 44-4 and 44-7 Machine, obsolete.....  |
| 16571 | 8425  | Roller Arm for 16577 and 16578, obsolete..   |
| 16573 | 8402  | " " " 16581 and 16582.....   |
| 16574 | 8425  | " " Bracket for 16570, obsolete....  |
| 16575 | 8425  | " " " Position Collar with 456C, for 16570, obsolete.....  |
| 16576 | 8425  | Roller Arm Bracket Spring for 16574, obsolete.....   |

| No.   | Plate | Name   |
|-------|-------|--|
| 16577 | ----  | Roller Presser complete, 9/16 in., coarse roller, for 44-4, 44-7 and 44-25 Machines, Nos. 1907 and 16571, obsolete, use 24904.....         |
| 16578 | ----  | Roller Presser complete, 9/16 in., fine roller, for 44-4, 44-7 and 44-25 Machines, Nos. 1908 and 16571, obsolete, use 24905.....           |
| 16581 | ----  | Roller Presser complete, 1 1/4 in. diam., 9/64 in. face, coarse roller, Nos. 1911 and 16573.....   |
| 16582 | ----  | Roller Presser complete, 1 1/4 in. diam., 9/64 in. face, fine roller, Nos. 1912 and 16573.....   |
| 16583 | 1355  | Shuttle Race complete, for 44-4 and 44-7 Machines, Nos. 648D, 2531, 2533, 5708, 16584 and two each 662D and 2532, obsolete, use 24419..... |
| 16594 | 1355  | Shuttle Race Cap for 16583 and 62754.....  |
| 16585 | 8421  | Lifting Lever with 448C, for 16587 and 24426.....  |
| 16586 | 8424  | Lifting Lever Pin for 16587 and 24426.....   |
| 16587 | ----  | Knee Lifter complete (power table) Nos. 76D, 766D, 802D, 1521E, 2777, 5598, 12241, 12415, 12416, 16585, 16586 and two 178E..               |
| 16588 | ----  | Feed Lifting Rock Shaft complete, Nos. 3093 12376, 16504 and 16556.....  |
| 16589 | ----  | Knife Bar Crank complete for 24110, Nos. 897C, 1564D, 2297 and 16562, obsolete, use 24432.....   |
| 16590 | ----  | Knife Bar complete, for 44-4 Machine, Nos. 621D, 2266, 16561, 16565, 16567 and two 335H, obsolete, use 19301.....                          |
| 16596 | ----  | Bed.....   |
| 16597 | 1338  | Throat Plate complete for 16560, 24392 and 24951, Nos. 725D, 2328, 2330, 16599, 56895 62626 and two 238D.....                              |
| 16598 | 1338  | Knife (narrow) end and side cut.....   |
| 16599 | 1338  | Throat Plate Cutting Bar 5/128 in. to 3/32 in., gauge, for 16597, 19180, 24339 and 24369.....  |
| 19101 | 1270  | Throat Plate complete for 16560, 24392, 62575, Nos. 725D, 2328, 2330, 19164, 56895 62675 and two 238D, for 62575.....                      |
| 19102 | 1270  | Throat Plate with Extension 62575 with 81D and 5480.....   |
| 19164 | 1270  | Throat Plate Cutting Bar for 5/128 in. to 1/16 in. gauge, for 19101.....   |
| 19173 | 1338  | Knife, broad, diagonal cut.....  |

| No.   | Plate | Name   |
|-------|-------|--|
| 19174 | 1338  | Knife, broad, end and side cut.....  |
| 19175 | 1338  | " medium, end and side cut.....  |
| 19176 | 1338  | " " " cut only.....  |
| 19177 | 1338  | " " " " (shearing).....  |
| 19178 | 1338  | " " " " and side cut (concave).  |
| 19179 | 1338  | " " " " " " (thin gauge).....  |
| 19180 | 1269  | Throat Plate complete for 16560, 24392 and 24951, for 19174, Nos. 725D, 2329, 2330, 16599, 56895, 62626 and two 238D.....                            |
| 19181 | 1355  | Shuttle Race complete for 19174, for 44-4 and 44-7 Machines, Nos. 648D, 2531, 2533, 5708, 19182 and two each 662D and 2532, obsolete, use 24421..... |
| 19182 | 1355  | Shuttle Race Cap for 19181, 62758 and 62761  |
| 19218 | ----  | Bed Frame with two 16555, four each 19219, 19220 and six each 14010 and wood screws 1 1/4 in. No. 10 and eight 158C obsolete, use 24108.....         |
| 19219 | 8424  | Bed Frame Cushion (leather) for 19218 and 19399, obsolete.....   |
| 19220 | 8424  | Bed Frame Cushion Spring for 19218 and 19399, obsolete.....  |
| 19221 | 8400  | Wrench for 1516 and 1619 (Attachments and Accessories).....  |
| 19226 | 8424  | Bed Frame Hinge Connection for 19228 and 19398, obsolete.....  |
| 19227 | ----  | Bed Frame Hinge Connection Cap for 19228, obsolete, use 19397.....   |
| 19228 | ----  | Bed Frame Hinge Connection complete, Nos. 211E, 19226 and 19227, obsolete, use 19398.....  |
| 19265 | 8413  | Needle Bar with 904E, for 19173.....   |
| 19266 | 8411  | Feed Wheel Driver Link for 24370.....  |
| 19267 | 8411  | " " " Frame with 453C, for 19302.....  |
| 19268 | 8413  | " " " " Shaft for 24370.....   |
| 19292 | 8418  | Shuttle, 1 11/16 in. diam., Nos. 2996, 12393 and 62740.....  |
| 19293 | 8425  | Shuttle Bobbin Case complete for 19292, Nos. 591F, 592E, 2523, 2975, 7553, 15003 and 15098, obsolete, use 24074.....                                 |
| 19297 | 8413  | Knife Bar with 2301, for 19301, 24127 and 24374.....   |
| 19299 | 8424  | Knife Bar Lifting Spring Hook for 19301, obsolete.....   |
| 19301 | ----  | Knife Bar complete, for 44-4 and 44-7 Machines, Nos. 621D, 16565, 16567, 19297, 19299 and two 335H, obsolete.....                                    |

| No.    | Plate | Name   |
|--------|-------|--|
| 19302  | ----  | Feed Wheel Frame complete, Nos. 151C, 183C, 183F, 240D, 2252, 2254 to 2256, 2258, 3114, 19267 and two each 119C and 1528J, for 24370.....                      |
| 19397  | 8424  | Bed Frame Hinge Connection: Cap for 19398, obsolete.....   |
| 19398  | ----  | Bed Frame Hinge Connection complete, for 19399, Nos. 211E, 19226 and 19397, obsolete.....  |
| 19399  | 8426  | Bed Frame complete, Nos. 970D, two each 16555, 19398, four each 19219, 19220, six each 14010, wood screws 1 1/4 in. No. 10 and eight 158C, obsolete, use 24108 |
| 19441  | 8417  | Presser Bar (hollow) for 19464.....  |
| 19442  | 8418  | Roller Arm Bracket for 19464.....  |
| 19443  | 8418  | " " " " Position Collar with 456C, for 19464.....  |
| 19444  | 8418  | Roller Arm Bracket Spring for 24445.....   |
| 19445  | 8418  | " " " " Pin for 24445..  |
| 19446  | 8418  | " " " " Stud for 24445..   |
| 19447  | 8394  | Oscillating Shaft Crank complete, Nos. 457C 1518E, 19449 and 19496.....  |
| 19448  | 8394  | Oscillating Shaft Crank Slide Block for 19449.....   |
| 19449  | 8394  | Oscillating Shaft Crank Slide Block complete, Nos. 226J, 988C, 12424 and 19448, for 19447 and 44135.....   |
| 19464  | ----  | Presser Bar complete, Nos. 190J, 19441 to 19443 and 24445.....   |
| 19487  | ----  | Oil Cup with 12486, for 44-4 Machine, obsolete, use 24024.....   |
| 19496  | ----  | Oscillating Shaft Crank for 12390 and 19447.....   |
| 20023  | 8417  | Presser Bar Spring (heavy) .063 wire.....  |
| 20061  | 8424  | Tension Screw Stud Bushing, obsolete.....  |
| 20062  | 8424  | " " " " Flange, obsolete.....  |
| 20063  | 8424  | " " " " Collar, obsolete   |
| 20197  | 8388  | Crank Connecting Rod with two 896C, for 62635.....   |
| 20367  | 770   | Needle Bar Connecting Stud Slide Block for 20368, obsolete.....  |
| 20368  | 770   | Needle Bar Connecting Stud complete, Nos. 453C, 12383 and 20367, obsolete, use 12384.....  |
| *24020 | 8423  | Oil Cup for 24024, obsolete.....   |
| 24023  | 8423  | " " " " Extension with 24075, for 24024, obsolete.....   |

| No.   | Plate | Name  |
|-------|-------|---|
| 24024 | 8423  | Oil Cup complete, for 44-4, 44-7 and 44-25 Machines, Nos. 12486, 24020 and 24023, obsolete, use 44225.....                  |
| 24074 | 8425  | Shuttle Bobbin Case complete for 19292, Nos. 591F, 592E, 2523, 2975, 7553, 15098 and 15141, obsolete, use 62740.....        |
| 24075 | 8413  | Oil Cup Extension Post for 24023 and 44005  |
| 24079 | 8407  | Drip Pan.....   |
| 24080 | 8426  | Drip Pan with four 1 in. wire nails, for Wheel Feed Machine.....  |
| 24104 | 8413  | Oscillating Rock Shaft for 24105.....   |
| 24105 | ----  | Oscillating Rock Shaft complete, Nos. 4784 12388 and 24104.....   |
| 24106 | 8399  | Bed Frame Cushion (felt) for 24108.....   |
| 24107 | 8399  | " " Hinge Connection for 24108.....   |
| 24108 | 8408  | " " with 970D, two each 9261, 24107, four each 158E, 24106 and six wood screws 1 1/4 in. No. 12.....                        |
| 24110 | ----  | Knife Bar Driving Crank Bracket complete, Nos. 2022, 16563, 16564 and 16589, obsolete, use 24433.....                       |
| 24122 | 8414  | Knife Bar Lifting Spring.....   |
| 24123 | 8414  | " " " " Case.....   |
| 24124 | 8414  | " " " " Guide for 24906..   |
| 24125 | 8414  | " " " " Bracket for 24906.....  |
| 24126 | 8414  | Knife Holder Handle for 24127.....  |
| 24127 | ----  | Knife Bar complete, Nos. 621J, 16567, 19297, 24126, 24906 and two 335H.....   |
| 24131 | 8409  | Arm Oil Tube with 52045, for oiling 5570 and 12197.....   |
| 24142 | 8414  | Knife Holder Handle for 24373.....  |
| 24143 | 8414  | " " Spring for 24373.....   |
| 24296 | 8388  | Balance Wheel (power) light rim, 2 3/16 in. pulley, with two 448C.....  |
| 24297 | 8388  | Balance Wheel Oil Cover.....  |
| 24339 | 1269  | Throat Plate complete, for 2258 and 15022, Nos. 725D, 2328, 2330, 16599, 56895, 62672 and two 238D, for 24370.....          |
| 24369 | 1269  | Throat Plate complete, for 2258 and 15022, for 19174, Nos. 725D, 2329, 2330, 16599, 56895, 62672 and two 238D, for 24370... |
| 24370 | ----  | Wheel Feed complete, Nos. 324C, 2263, 2265, 5570, 19266, 19268, 19302, 24339 or 24369 and 24810.....                        |
| 24371 | 8414  | Knife Holder for 24373.....   |
| 24372 | 8414  | " " Body with 442C, for 24373....   |

| No.   | Plate | Name   |
|-------|-------|--|
| 24373 | ----  | Knife Holder (hinged) complete, Nos. 2261, 24142, 24143, 24371, 24372 and two each 223F and 14026, for 24374.....              |
| 24374 | ----  | Knife Bar complete, Nos. 621J, 19297, 24373, 24906 and two 335H.....   |
| 24376 | ----  | Feed Rock Shaft complete, Nos. 16806 and 29633.....  |
| 24388 | 8415  | Feed Dog (grooved) for 24390.....  |
| 24390 | 8415  | Throat Plate complete for 24388, Nos. 725D 2328, 2330, 4947, 56895 and two 238D.....   |
| 24391 | 8414  | Needle Bar Thread Guard for 16568.....   |
| 24392 | 1338  | Feed Dog, 8 teeth (12 teeth to the inch) for 16597, 19101, 19180 and 62619.....  |
| 24412 | 8396  | Shuttle Bobbin Case Position Plate for 24419, 24421, 62756 and 62760.....  |
| 24413 | ----  | Shuttle Race Body for 62501 and 62502.....   |
| 24418 | 8396  | " " Cap for 62502.....   |
| 24419 | 8417  | Shuttle Race complete, Nos. 907D, 2531, 2533 24412, 62517 and two 391J.....  |
| 24420 | 8417  | Shuttle Race Cap for 62501.....  |
| 24421 | 8417  | Shuttle Race complete, for 19174, Nos. 907D 2531, 2533, 24412, 62516 and two 391J....  |
| 24426 | ----  | Foot Lifter complete, Nos. 76D, 766D, 802D, 1521E, 4880, 4885, 5598, 5670, 12241, 12415, 12416, 16585, 16586 and two 178E..... |
| 24431 | 8413  | Knife Bar Crank with 191C, for 24432.....  |
| 24432 | ----  | Knife Bar Crank complete, Nos. 1162C, 1564D 2297 and 24431, for 24433.....   |
| 24433 | ----  | Knife Bar Driving Crank Bracket complete, Nos. 2022, 16563, 16564 and 24432.....   |
| 24439 | 8415  | Presser Foot (grooved).....  |
| 24445 | ----  | Roller Arm Bracket Spring Stud complete, Nos. 987E and 19444 to 19446, for 19464.....  |
| 24810 | ----  | Shuttle Race Slide complete, Nos. 4307, 12431 and two 1208J, for 24370.....  |
| 24903 | 8402  | Roller Arm for 24904 and 24905.....  |
| 24904 | ----  | Roller Presser complete, 9/16 in. diam., 3/32 in. face, coarse roller, Nos. 24903 and 51801.....                               |
| 24905 | ----  | Roller Presser complete, 9/16 in. diam., 3/32 in. face, fine roller, Nos. 24903 and 51802.....                                 |
| 24906 | ----  | Knife Bar Lifting Spring Guide 24124 with 2523 and 24125, for 24127 and 24374...   |
| 24908 | 8407  | Drip Pan with two wood screws 1/2 in. No.5 R.H.B.....  |
| 24951 | 8412  | Feed Dog, 15 teeth (24 teeth to the inch) for 16597 and 19180.....   |

| No.   | Plate | Name  |
|-------|-------|---|
| 24990 | 8402  | Roller Arm for 62627.....   |
| 25875 | 8410  | Guide for 44-4 and 44-25 Machines.....  |
| 26026 | 8400  | Screw Driver (machine) Attachments and Accessories.....   |
| 26485 | 8400  | Screw Driver (shuttle tension) Attachments and Accessories.....   |
| 26836 | 8415  | Guide for 44-4 Machine.....   |
| 27302 | 6152  | Bobbin Winder Frame for 27647 and 27650....   |
| 27303 | 8418  | " " " Spring for 27647 and 27650.....   |
| 27306 | 6152  | Bobbin Winder Spool Pin for 27308.....  |
| 27307 | 6152  | " " " Stand for 27308.....  |
| 27308 | 6152  | Bobbin Winder Spool Stand complete, Nos. 418E, 1562J, 2106, 10141, 11241, 27306, 27307 and two each 2455 and wood screws 1 in. No. 10, for 27544 and 27554..... |
| 27312 | 6152  | Bobbin Winder Stop Latch for 27647 and 27650.....   |
| 27323 | 1105  | Knife Grinder Knife Holder Guide Bar for 60583.....   |
| 27538 | 6152  | Bobbin Winder Spindle 27849 with 15072, 27850 and 41828, for 27647 and 27650..  |
| 27540 | 6152  | Bobbin Winder Base for 27647.....   |
| 27541 | 6152  | " " Pulley for 27647.....   |
| 27544 | ----  | Bobbin Winder (swinging automatic, right hand) complete, Nos. 27308 and 27647..   |
| 27552 | 8422  | Bobbin Winder Base for 27650.....   |
| 27553 | 8422  | " " Pulley for 27650.....   |
| 27554 | ----  | Bobbin Winder (swinging automatic, right hand) complete, Nos. 27308 and 27650..   |
| 27564 | 1104  | Knife Grinder Frame with 27574, for 60583.  |
| 27565 | 1104  | " " Emery Wheel, 2 in. diam., for 60934.....  |
| 27567 | 1105  | Knife Grinder Emery Wheel Shaft for 60934.  |
| 27568 | 1105  | " " " " " Oil Hole Cover (rubber) for 60583.....  |
| 27569 | 1105  | Knife Grinder Emery Wheel Shaft Pulley for 60934.....   |
| 27572 | 1104  | Knife Grinder Knife Holder Guide Bar Bracket with 27574, for 60583.....   |
| 27573 | 1105  | Knife Grinder Knife Holder Guide Bar Bracket Spring for 60583.....  |
| 27574 | 1105  | Knife Grinder Knife Holder Guide Bar Bracket Spring Hook for 27564 and 27572.....   |
| 27647 | 8422  | Bobbin Winder for 27544, Nos. 35D, 1620J, 27302, 27303, 27312, 27538, 27540, 27541, 50356D and two wood screws 1 in. No. 7                                      |

| No.    | Plate | Name   |
|--------|-------|--|
| 27650  | ----  | Bobbin Winder for 27554, Nos. 35D, 1620J, 27302, 27303, 27312, 27538, 27552, 27553, 50356D and two wood screws 1 in. No. 7 |
| 27657  | ----  | Knife Grinder Knife Holder Body for 27658  |
| 27658  | 1105  | Knife Grinder Knife Holder complete, Nos. 899J, 27657 and 27660, for 27661.....  |
| 27659  | 1105  | Knife Grinder Knife Holder Stop Collar with 237K, for 60583.....   |
| 27660  | 8419  | Knife Grinder Knife Position Pin for 27658.....  |
| 27660  | 8419  | Knife Grinder Knife Position Pin (lower) for 27681 and 126393.....   |
| 27661  | ----  | Knife Grinder complete, Nos. 27662, 60583 either 27658, 27681 or 126393 and three wood screws 1 in. No. 10.....            |
| 27662  | 1104  | Knife Grinder Wrench for 1508, 1516 and 27661.....   |
| 27679  | ----  | Knife Grinder Knife Holder Body for 27681  |
| 27681  | 8423  | Knife Grinder Knife Holder complete, Nos. 899J, 11833, 27660 and 27679, for 27661  |
| 27739  | 8405  | Thread Unwinder Thread Cone (wood) for large cones.....  |
| 27822  | 1105  | Knife Grinder Emery Wheel Clamping Nut Washer for 60934.....   |
| *27849 | 6152  | Bobbin Winder Spindle for 27538.....   |
| *27850 | 8415  | " " " Collar for 27538...  |
| 29633  | 8412  | Feed Rock Shaft Crank with 157J, for 24376   |
| 32572  | 8398  | Tension Releasing Disc for 44118.....  |
| 32574  | 8398  | " " Pin for 44118.....   |
| 35018  | 8400  | Tape Delivery Blade (Attachments and Accessories).....   |
| 36818  | 8419  | Finger Guard for 36821.....  |
| 36819  | 8419  | " " Friction Washer for 36821...   |
| 36820  | 8419  | " " Holder with 196J, for 36821.   |
| 36821  | 8419  | Finger Guard complete, Nos. 36818 to 36820 and 50316J.....   |
| 41400  | 8400  | Machine Rest Pin (wood) 3 1/8 in. long (Attachments and Accessories).....  |
| 41828  | 8425  | Bobbin Winder Spindle Collar Pin for 27538.....  |
| 41929  | 8408  | Belt Guard for 41931.....  |
| 41930  | 8399  | " " Hinge for 41931.....   |
| 41931  | ----  | Belt Guard complete, Nos. 8420, 41929, two 41930 and four wood screws 3/4 in. No. 9.....                                   |
| 43944  | 8398  | Tension Releasing Lever.....   |
| 43945  | 8398  | " Spring for 44118.....  |
| 43946  | 8398  | Thread Take-up Spring for 44118.....   |



| No.    | Plate | Name   |
|--------|-------|--|
| 43976  | 8411  | Feed Lifting Rock Shaft Crank Connecting Rod with 43977 and two 966E.....  |
| *43977 | ----  | Feed Lifting Rock Shaft Crank Connecting Rod Cap for 43976.....  |
| 43997  | ----  | Needle Bar Connecting Link 12382 with 12384.....   |
| 44005  | 8413  | Oil Cup Extension 44214 with 24075, for 44223.....   |
| 44006  | 8413  | Oil Cup Packing (felt) for 44225.....  |
| *44118 | ----  | Tension complete, Nos. 7336, 32572, 32574, 43945, 43946, 44141 and two 2102.....   |
| 44134  | ----  | Oscillating Shaft Crank for 44135.....   |
| 44135  | 8394  | Oscillating Shaft Crank complete, Nos. 1518E, 19449, 44134 and two 453C.....   |
| 44139  | 8399  | Machine Hinge Plate for 44140 and 44180 (Attachments and Accessories).....   |
| 44140  | ----  | Machine Hinge complete, Nos. 12361, 44139 and wood screw 1 1/4 in. No. 14 (Attachments and Accessories).....                   |
| *44141 | ----  | Tension Screw Stud 50327C with 1560C, for 44118.....   |
| 44180  | ----  | Machine Hinge complete, Nos. 6055, 12361, 44139 and 51075E (Attachments and Accessories).....                                  |
| *44181 | ----  | Face Plate Thread Guard (lower) for 12150  |
| 44214  | ----  | Oil Cup Extension for 44005.....   |
| 44222  | 8413  | " " for 44223.....   |
| 44223  | ----  | " " 44222 with 44005, for 44225.....   |
| 44224  | 8413  | " " Thread Retainer for 44225.....   |
| 44225  | 8413  | Oil Cup complete, Nos. 44006, 44223 and 44224.....   |
| 44274  | 8402  | Roller Arm for 44279.....  |
| 44276  | ----  | Roller Presser (ball bearing) complete, 7/8 in. diam., 9/64 in., face, coarse roller, Nos. 230F, 51890, 62840 and 62852.....   |
| 44279  | 8394  | Roller Presser (ball bearing) complete, 1 1/4 in. diam., 7/32 in., face, coarse roller, Nos. 230F, 44274, 51894 and 62854..... |
| 50302J | 8419  | Finger Guard Holder Set Screw for 120497.  |
| 50316J | 8419  | " " Hinge Screw for 36821.....   |
| 50327C | 8398  | Tension Screw Stud for 44141.....  |
| 50356D | 8415  | Bobbin Winder Frame Hinge Screw for 27647 and 27650.....   |
| 50553C | 8401  | Roller Screw for 51863, 51892 and 51894...   |
| 51075E | 8399  | Machine Hinge Bolt with 51581E, for 44180 (Attachments and Accessories).....   |
| 51224D | 8409  | Arm Side Cover Thumb Screw.....  |

| No.    | Plate | Name  |
|--------|-------|---|
| 51581E | 8394  | Machine Hinge Bolt Nut for 51075E (Attachments and Accessories).....  |
| 51801  | 8401  | Roller, 9/16 in. diam., 3/32 in. face, coarse, with 388D and 1550H, for 24904   |
| 51802  | ----  | Roller, 9/16 in. diam., 3/32 in. face, fine with 388D and 1550H, for 24905.....   |
| 51863  | 8401  | Roller, 1 1/4 in. diam., 7/32 in. face, coarse (ball bearing) complete for 62748, Nos. 1528J, 1766C, 50553C and twenty-four 16232.....    |
| 51882  | 8401  | Roller, 7/8 in. diam., 9/64 in. face, fine (ball bearing) complete for 62842, Nos. 1528J, 201699C, 350104C and twenty-eight 206417.....   |
| 51890  | ----  | Roller, 7/8 in. diam., 9/64 in. face, coarse (ball bearing) complete for 44276, Nos. 1528J, 201699C, 350104C and twenty-eight 206417..... |
| 51892  | 8401  | Roller, 1 1/4 in. diam., 1/8 in. face, coarse (ball bearing) complete for 62849, Nos. 1528J, 1766C, 50553C and twenty-four 16232.....     |
| 51894  | ----  | Roller, 1 1/4 in. diam., 7/32 in. face, coarse (ball bearing) complete for 44279, Nos. 1528J, 1766C, 50553C and twenty-four 16232.....    |
| 51902  | 8401  | Roller, 7/8 in. diam., 9/64 in. face, coarse (ball bearing) complete for 62868, Nos. 1528J, 201699C, 350104C and twenty-eight 206417..... |
| 51907  | 8401  | Roller, 7/8 in. diam., 1/8 in. face, fine (ball bearing) complete for 62871, Nos. 1528J, 201699C, 350104C and twenty-eight 206417.....    |
| 51909  | 8401  | Roller, 7/8 in. diam., 1/8 in. face, coarse (ball bearing) complete for 62891, Nos. 1528J, 201699C, 350104C and twenty-eight 206417.....  |
| 51912  | 8401  | Roller, 7/8 in. diam., 3/32 in. face, fine (ball bearing) complete for 62880, Nos. 1528J, 201699C, 350104C and twenty-eight 206417.....   |
| 52045  | 8409  | Arm Oil Tube Packing (wick) for 11119 and 24131.....  |
| 52378  | 8424  | Thread Retaining Stud for 52379, obsolete.  |
| 52379  | ----  | Thread Retainer complete, Nos. 52378, 52398 210958 and 210993, obsolete.....  |
| 52398  | 8425  | Thread Retaining Spring for 52379, obsolete   |
| 52454  | 8398  | " Retainer.....   |

| No.    | Plate | Name  |
|--------|-------|---|
| 56813  | ----  | Feed Bar Screw Center 313C with 1519J.....  |
| 56813  | ----  | " Wheel Driver Link Screw Center 313C<br>with 1519J.....  |
| 56814  | ----  | Feed Lifting Rock Shaft Screw Center 307C<br>with 1513J.....  |
| 56814  | ----  | Feed Rock Shaft Screw Center 307C with<br>1513J.....  |
| 56814  | ----  | Feed Wheel Frame Shaft Screw Center 307C<br>with 1513J.....   |
| 56848  | ----  | Bell Crank 5596, with 5599 and 5601, for<br>5598.....   |
| 56864  | 8419  | Chain Hook (large) for 5670.....  |
| 56865  | 8419  | " " (small) for 5670.....   |
| 56895  | 1338  | Throat Plate Spring Slide Spring Stop<br>(oval) for 16597,19101,19180,24339,<br>24369,24390 and 62619.....                  |
| *60583 | ----  | Knife Grinder Nos. 261J,27323,27564,27572,<br>27573,27659,60934, two 27568 and four<br>each 310F and 1516J, for 27661.....  |
| 60934  | ----  | Knife Grinder Emery Wheel Shaft 27567 with<br>1508J,27565,27569 and 27822, for 60583  |
| *62501 | ----  | Shuttle Race Body 24413 with 24420 and two<br>1053E, for 62516.....   |
| *62502 | ----  | Shuttle Race Body 24413 with 24418 and two<br>1053E, for 62517.....   |
| 62516  | ----  | Shuttle Race Body 62501 with two 2532, for<br>24421.....  |
| 62517  | ----  | Shuttle Race Body 62502 with two 2532, for<br>24419.....  |
| 62518  | ----  | Shuttle Race Body 62509 with two 2532, ob-<br>solete.....   |
| 62541  | ----  | Arm Shaft 16511 with 12197 and 16569, for<br>62635.....   |
| *62575 | 8416  | Throat Plate with Extension complete, Nos.<br>723D,3146,5478,5479,19101 and two each<br>240D,289D and 1580E, for 19102..... |
| 62618  | 8415  | Throat Plate Cutting Bar 5/64 in. to 1/4<br>in. gauge for 62619.....  |
| 62619  | ----  | Throat Plate complete for 16560,24392,<br>62620, Nos. 725D,2328,2330,56895,62618<br>62675 and two 238D.....                 |
| 62620  | ----  | Throat Plate with Extension complete for<br>62621, Nos. 723D,3146,5478,5479,62619<br>and two each 240D,289D and 1580E.....  |
| 62621  | ----  | Throat Plate with Extension 62620 with 81D<br>and 5480.....   |
| 62626  | ----  | Throat Plate Body for 16597 and 19180.....  |

| No.    | Plate | Name  |
|--------|-------|---|
| 62627  | ----  | Roller Presser complete, 1 1/4 in. diam.,<br>3/16 in. face, coarse roller, Nos.1897<br>and 24990.....                                     |
| *62635 | ----  | Arm Shaft 62541 with 20197.....   |
| 62672  | ----  | Throat Plate Body for 24339 and 24369.. ..  |
| 62675  | ----  | " " " " 19101 and 62619.....  |
| 62677  | 8418  | Roller Arm for 62680 and 62721.....   |
| 62680  | 8402  | Roller Presser complete, 7/8 in. diam.,<br>3/16 in. face, with roller set 1/8 in.<br>beyond center of needle, Nos. 1895 and<br>62677..... |
| 62682  | 8409  | Face Plate Thread Eyelet.....   |
| 62721  | 8402  | Roller Presser complete, 7/8 in. diam.,<br>9/64 in. face, coarse roller, Nos.1868<br>and 62677.....                                       |
| 62722  | 8402  | Roller Presser complete, 7/8 in. diam.,<br>9/64 in. face, fine roller, Nos. 1841<br>and 62677.....  |
| *62739 | ----  | Shuttle Bobbin Case for 62740.....  |
| 62740  | 8396  | Shuttle Bobbin Case complete, Nos. 591F,<br>592E,2523,2975,7553,15141,15278 and<br>62739, for 19292.....                                  |
| 62747  | 8402  | Roller Arm for 62748.....   |
| 62748  | 8394  | Roller Presser (ball bearing) complete,<br>1 1/4 in. diam., 7/32 in. face, coarse<br>roller, Nos. 51863 and 62747.....                    |
| 62749  | ----  | Shuttle Race Body for 62754 and 62758.....  |
| 62754  | ----  | " " " 62749 with 16584 and two<br>662D, for 62755 and 62756.....  |
| 62755  | ----  | Shuttle Race Body 62754 with two 2532.....  |
| 62756  | ----  | " " " 62754 with 24412 and two<br>391J, for 62757.....  |
| 62757  | 8417  | Shuttle Race complete, Nos. 907D,2531,2533<br>62756 and two 2532.....   |
| 62758  | ----  | Shuttle Race Body 62749 with 19182 and two<br>662D, for 62759 and 62760.....  |
| 62759  | ----  | Shuttle Race Body 62758 with two 2532.....  |
| 62760  | ----  | " " " 62758 with 24412 and two<br>391J, for 62761.....  |
| 62761  | 8417  | Shuttle Race complete, for 19174, Nos.907D<br>2531,2533,62760 and two 2532.....   |
| 62840  | 8402  | Roller Arm for 44276,62842,62871,62880 and<br>62891.....  |
| 62842  | ----  | Roller Presser (ball bearing) complete,<br>7/8 in. diam., 9/64 in. face, fine<br>roller, Nos. 230F,51882,62840 and<br>62852.....          |
| 62843  | 8402  | Roller Arm for 62849.....   |

| No.    | Plate | Name  |
|--------|-------|---|
| 62849  | 8394  | Roller Presser (ball bearing) complete, 1 1/4 in. diam., 1/8 in. face, coarse roller, Nos. 230F, 51892, 62843 and 62854.....        |
| 62850  | 8401  | Roller Ratchet Spring Stop for 62852 and 62878.....   |
| 62851  | 8402  | Roller Ratchet Spring Stop Bracket for 62852 and 62854.....   |
| 62852  | ----  | Roller Ratchet Spring Stop Bracket 62851 with 665J and 62850, for 44276, 62842, 62871 and 62880.....                                |
| 62853  | 8401  | Roller Ratchet Spring Stop for 62854.....   |
| 62854  | ----  | Roller Ratchet Spring Stop Bracket 62851 with 665J and 62853, for 44279 and 62849.....  |
| 62857  | 8402  | Roller Arm for 62868.....   |
| 62868  | 8402  | Roller Presser (ball bearing) complete, 7/8 in. diam., 9/64 in. face, coarse roller, Nos. 51902 and 62857.....                      |
| 62871  | ----  | Roller Presser (ball bearing) complete, 7/8 in. diam., 1/8 in. face, fine roller, Nos. 230F, 51907, 62840 and 62852.....            |
| 62877  | 8402  | Roller Ratchet Spring Stop Bracket for 62878.....   |
| 62878  | ----  | Roller Ratchet Spring Stop Bracket 62877 with 665J and 62850, for 62891.....  |
| 62880  | ----  | Roller Presser (ball bearing) complete, 7/8 in. diam., 3/32 in. face, fine roller, Nos. 230F, 51912, 62840 and 62852.....           |
| 62891  | ----  | Roller Presser (ball bearing) complete, 7/8 in. diam., 1/8 in. face, coarse roller, Nos. 230F, 51909, 62840 and 62878.....          |
| 120342 | 8400  | Oiler (copper plated) with 120343 (Attachments and Accessories).....  |
| 120343 | 8400  | Oiler Spout, 3 1/2 in. long for 120342 (Attachments and Accessories).....   |
| 120496 | 8419  | Finger Guard for 120498.....  |
| 120497 | 8419  | " " Holder with 50302J, for 120498.....   |
| 120498 | 8419  | Finger Guard complete, Nos. 236J, 120496 and 120497.....  |
| 126392 | 8423  | Knife Grinder Knife Holder for 126393....   |
| 126393 | 8423  | Knife Grinder Knife Holder complete, for 16598 and 19173 to 19179, for 27661, Nos. 227D, 899J, 11833, 27660, 126392 and 126394..... |

| No.     | Plate | Name   |
|---------|-------|--|
| 126394  | 8420  | Knife Grinder Knife Stop for 126393.....   |
| 132590  | 8409  | Arm Oil Tube Packing (wick) for 12454....  |
| 150203  | 8405  | Thread Unwinder Spool Rest Cushion (felt) for 225260.....  |
| 200056E | 8403  | Bobbin Winder Stop Latch Screw for 225382  |
| 200082D | 8403  | " " Tension Bracket Screw for 225382.....  |
| 200299H | 8403  | Bobbin Winder Stop Latch Trip Lever Hinge Screw for 225382.....  |
| 200380C | 8403  | Bobbin Winder Pulley Set Screw for 202473  |
| 200383C | 8403  | Thread Unwinder Spool Rest Rod Set Screw for 202490.....   |
| 201018C | 8403  | Thread Unwinder Spool Rest Set Screw for 225259.....   |
| 201499B | 8420  | Bobbin Winder Tension Stud for 225461....  |
| 201572B | 8403  | " " " " Thumb Nut for 225462.....  |
| 201696J | 8403  | Thread Unwinder Thread Guide Lock Nut for 225260.....  |
| 201699C | 8402  | Roller Ball Retaining Nut for 51882, 51890, 51902, 51907, 51909 and 51912.....   |
| 202277  | ----  | Bobbin Winder Frame Oil Packing (wick) for 225453.....   |
| 202407  | 8403  | Bobbin Winder Tension Spring for 225462..  |
| 202473  | 8406  | " " Pulley with 200380C, for 225382.....   |
| 202478  | 8420  | Bobbin Winder Stop Latch Trip Lever for 225382.....  |
| 202490  | 8405  | Thread Unwinder Spool Stand with 200383C, for 225260.....  |
| 206417  | 8403  | Roller Ball for 51882, 51890, 51902, 51907, 51909 and 51912.....   |
| 210958  | 8425  | Thread Retaining Stud Collar for 52379...  |
| 210993  | 8425  | " " Sleeve for 52379.....  |
| 225259  | 8405  | " Unwinder Spool Rest with 201018C, for 225260.....  |
| 225260  | 8405  | Thread Unwinder complete, Nos. 150203, 201696J, 202490, 225259, 225324, 225326, 225388, 225391 and three wood screws 7/8 in. No. 12..... |
| 225322  | 8403  | Thread Unwinder Thread Guide Rod Washer for 225324.....  |
| 225324  | 8405  | Thread Unwinder Thread Guide Rod with 208E and 225322, for 225260.....   |
| 225326  | 8420  | Thread Unwinder Thread Guide Position Cup for 225260.....  |
| 225381  | 8420  | Bobbin Winder Spindle for 225382.....  |

| No.     | Plate | Name  |
|---------|-------|---|
| 225382  | 8406  | Bobbin Winder (swinging automatic, right hand) complete, Nos. 200056E, 200082D, 200299H, 202473, 202478, 225381, 225433, 225444, 225453 to 225456, 225458, 225462, 228026, two each 225459 and wood screws 3/4 in. No. 12 R.H.B. .... |
| 225388  | 8405  | Thread Unwinder Spool Rest Rod for 225260.  |
| 225390  | 8405  | " " Thread Cone Holder for inverted cones. ....   |
| 225391  | 8405  | Thread Unwinder Thread Guide for 225260...  |
| 225433  | 8406  | Bobbin Winder and Tension Bracket Base for 225382. ....   |
| 225438  | 8403  | Bobbin Winder Frame Oil Well Cap for 225453. ....   |
| 225444  | 8420  | Bobbin Winder Stop Latch for 225382. ....   |
| 225453  | 8422  | " " Frame with 202277 and 225438 for 225382. ....   |
| 225454  | 8420  | Bobbin Winder Frame Hinge Pin for 225382..  |
| 225455  | 8403  | " " " Spring for 225382. ....   |
| 225456  | 8420  | " " " Plunger for 225382. ....  |
| 225458  | 8420  | Bobbin Winder Stop Latch Thumb Lever for 225382. ....   |
| 225459  | 8403  | Bobbin Winder Stop Latch Thumb Lever Hinge Stud for 225382. ....  |
| 225461  | 8420  | Bobbin Winder Tension Bracket with 201499B for 225462. ....   |
| 225462  | ----  | Bobbin Winder Tension Bracket complete, Nos. 201572B, 202407, 225461 and two 2102, for 225382. ....   |
| 228026  | ----  | Bobbin Winder Tension Bracket Screw Washer for 225382. ....   |
| 350104C | 8401  | Roller Screw for 51882, 51890, 51902, 51907, 51909 and 51912. ....  |

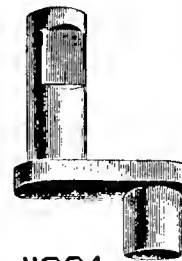
SINGER Needles should be used  
in SINGER Machines.  
These Needles and their Containers  
are marked with the  
Company's Trade Mark "SIMANCO." 1

Needles in Containers marked  
"FOR SINGER MACHINES"  
are NOT **SINGER** made needles. 2

## ILLUSTRATIONS OF PARTS

PLATE 770—FULL SIZE

12404



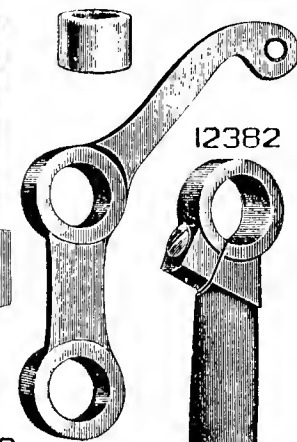
12384



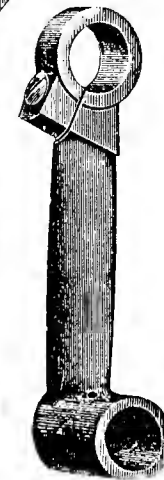
1904



12408



12382



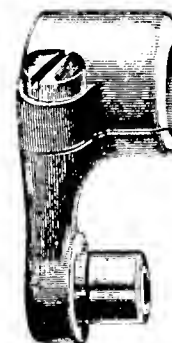
11204



12409



12376



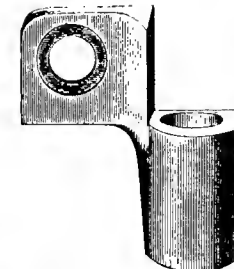
3043



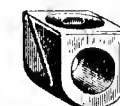
12326



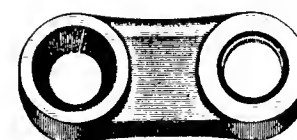
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20367



3033



20368

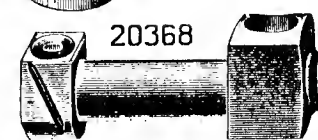


PLATE 1104—ONE-HALF SIZE

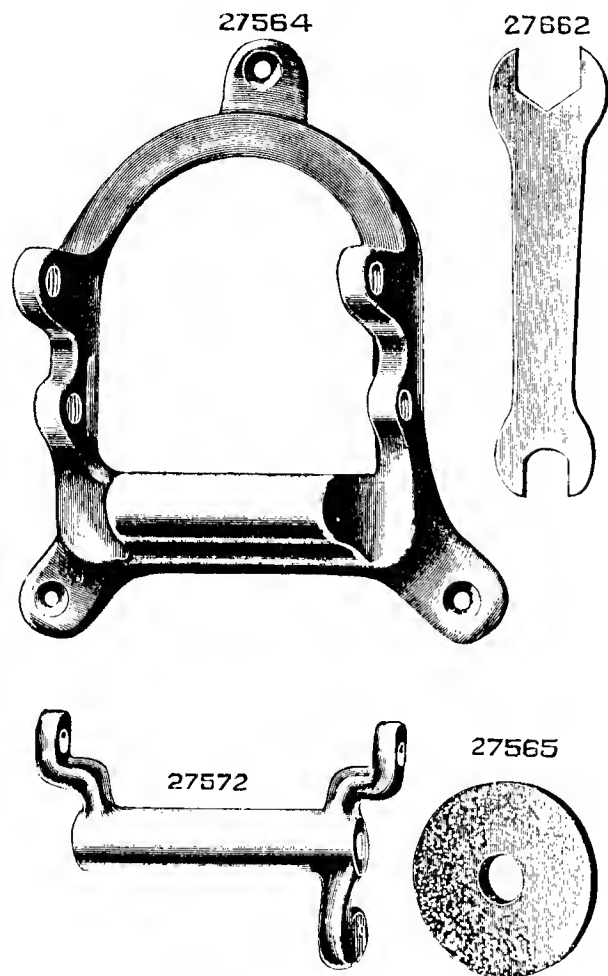


PLATE 1105—FULL SIZE

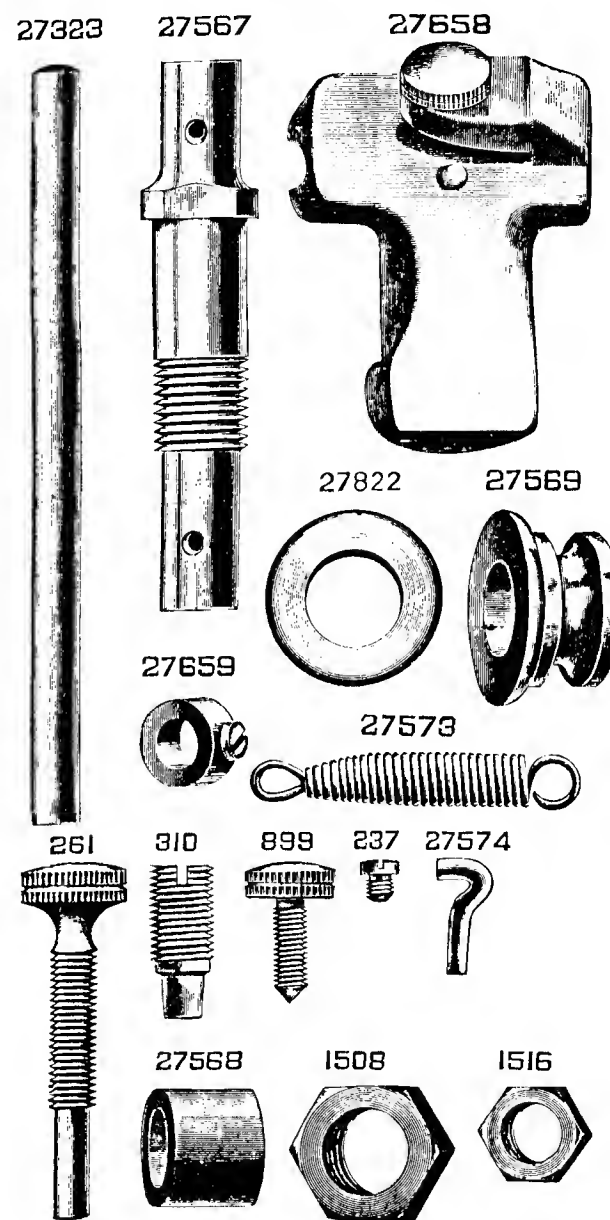


PLATE 1269—FULL SIZE

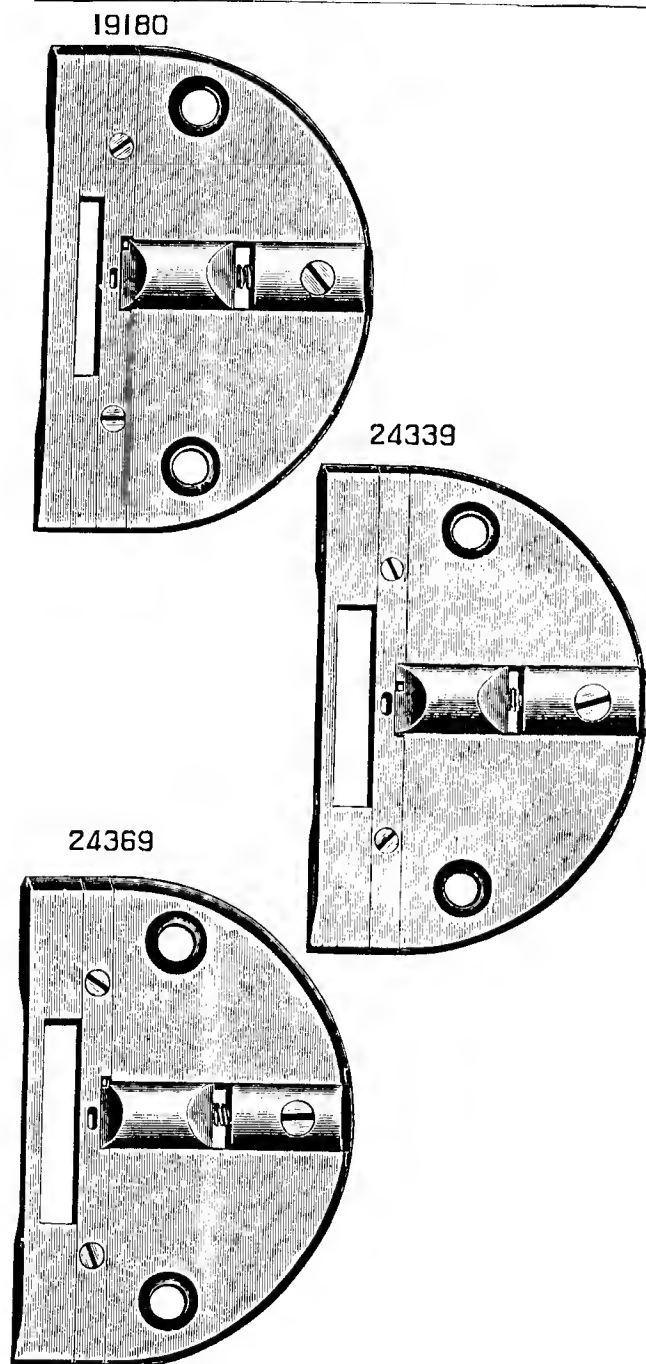


PLATE 1270—FULL SIZE

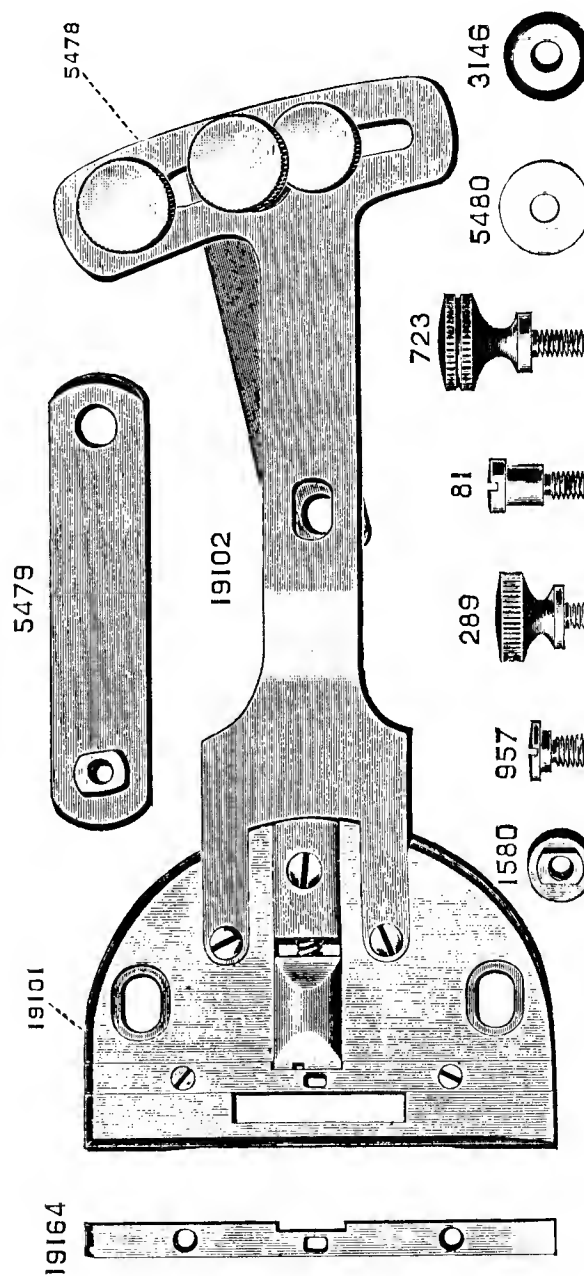


PLATE 1388—FULL SIZE

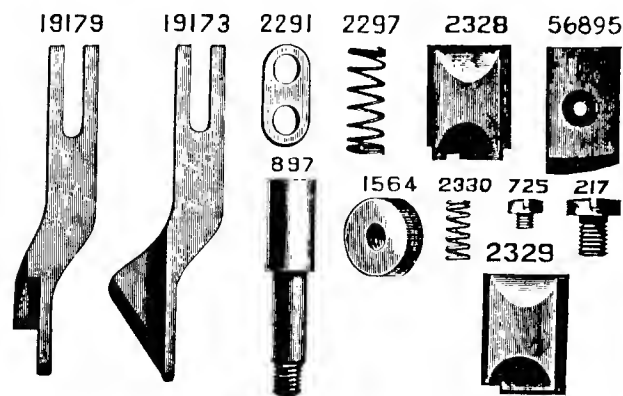
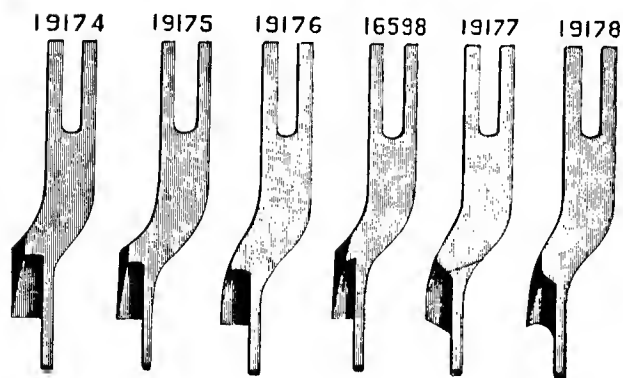
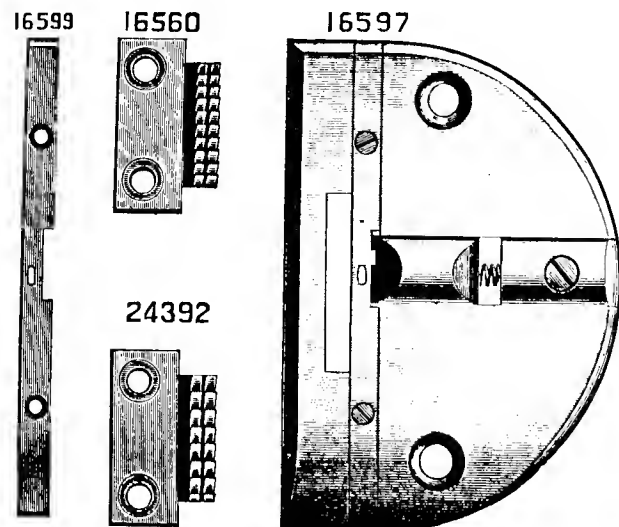


PLATE 1355 -FULL SIZE

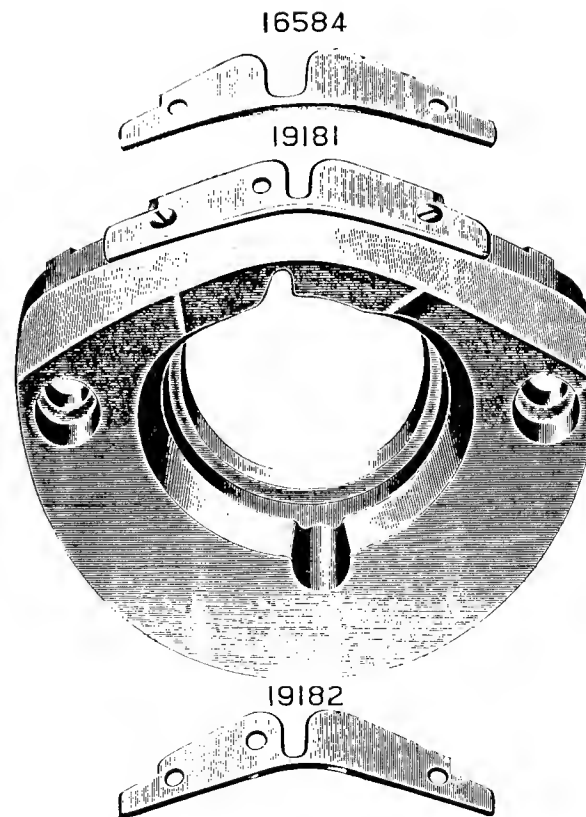
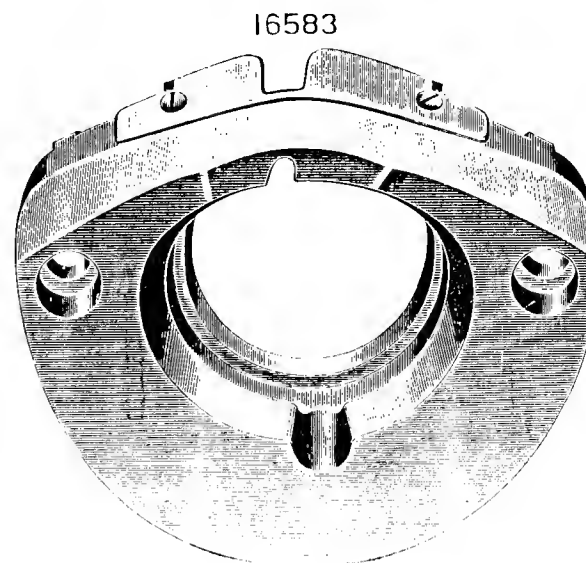




PLATE 6152-ONE-HALF SIZE

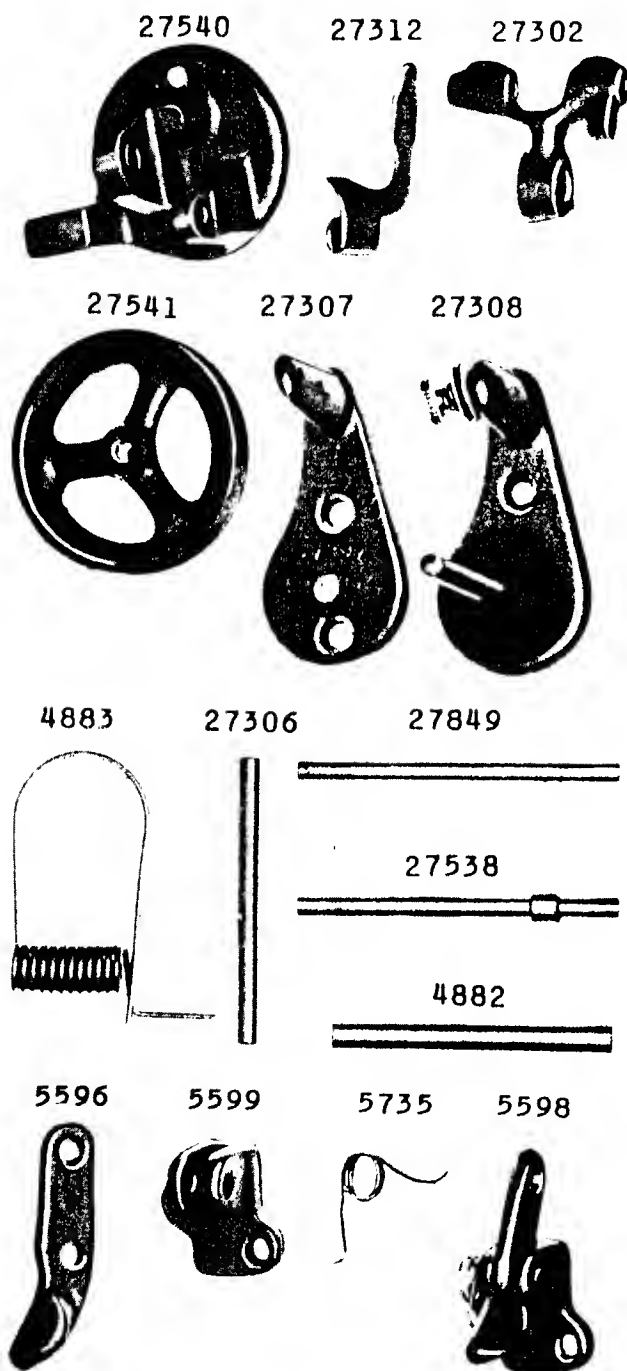


PLATE 8388-ONE-HALF SIZE

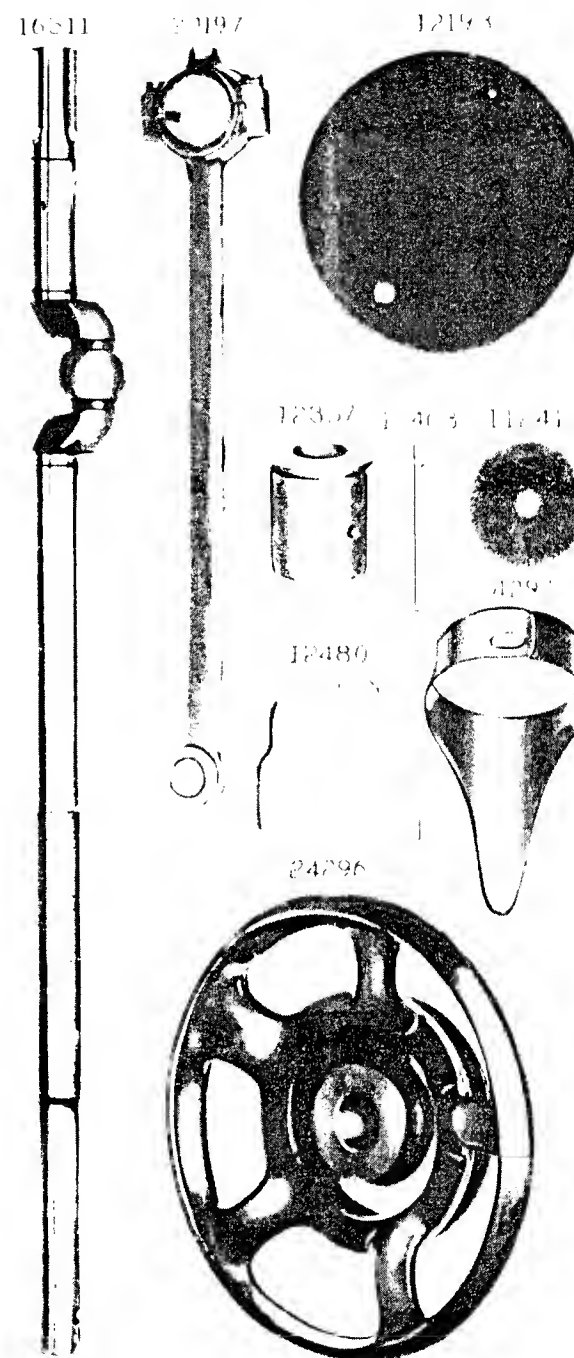


PLATE 8394—FULL SIZE

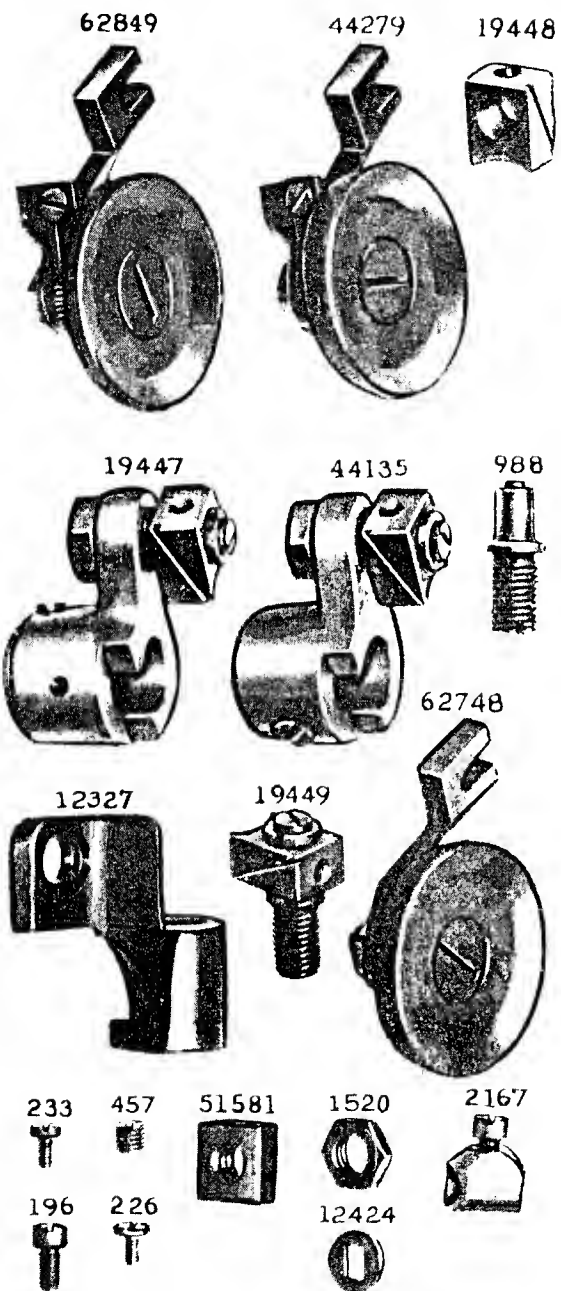


PLATE 8396—FULL SIZE

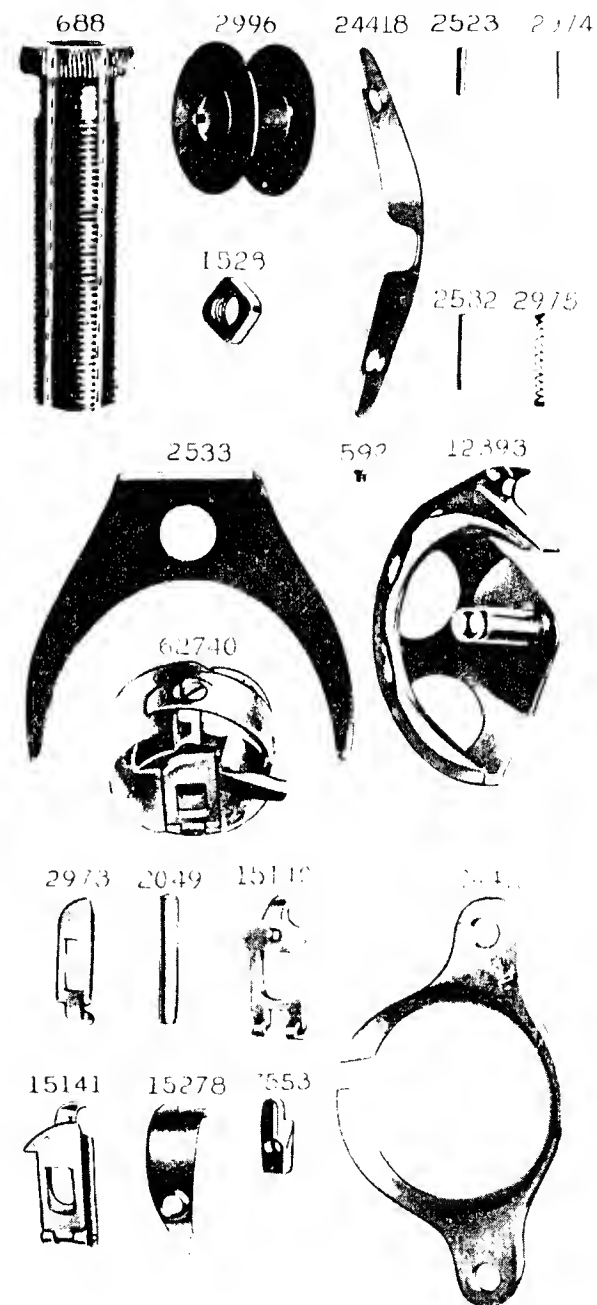


PLATE 8398—FULL SIZE

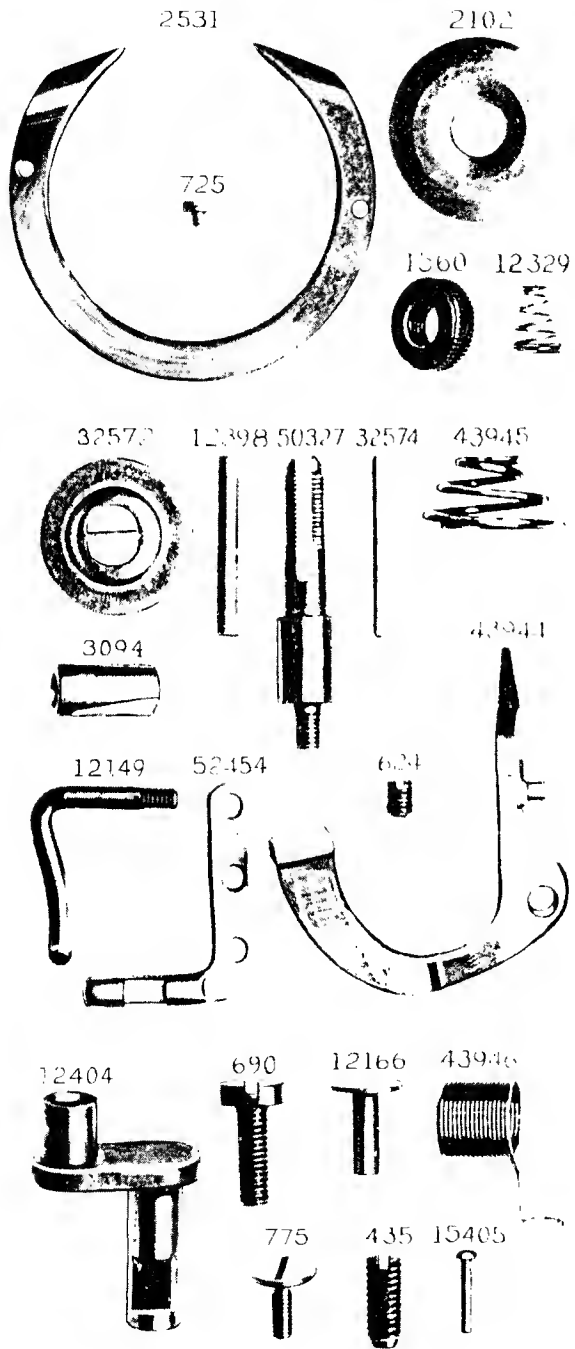


PLATE 8399—FULL SIZE

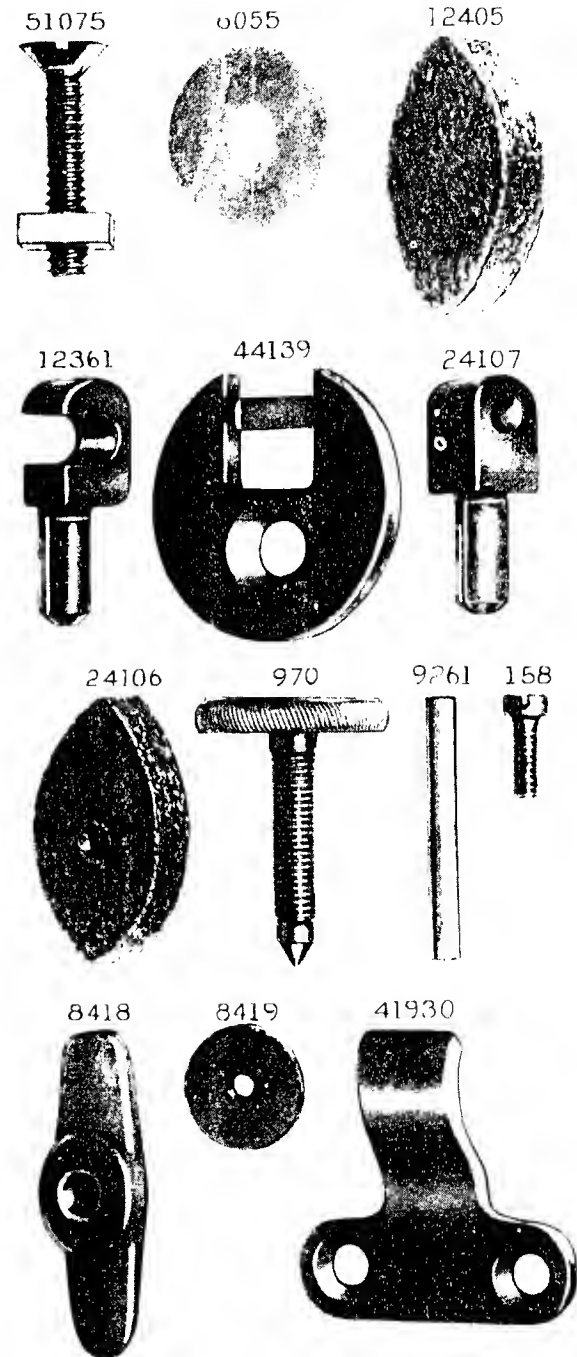


PLATE 8400—ONE-HALF SIZE

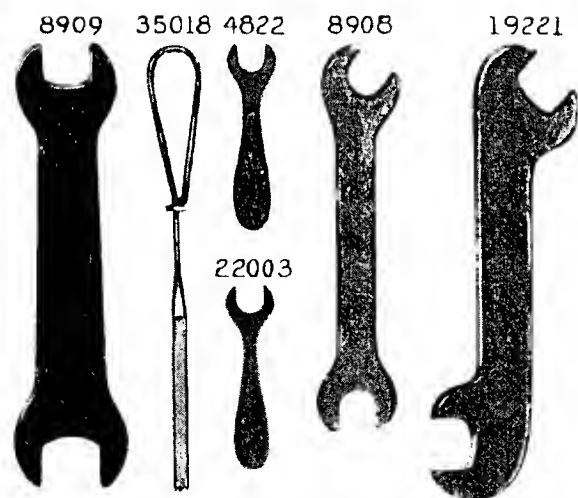
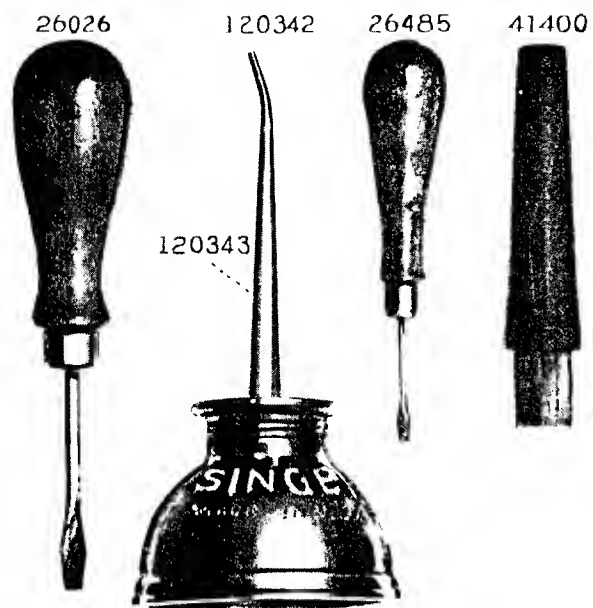


PLATE 8401—FULL SIZE

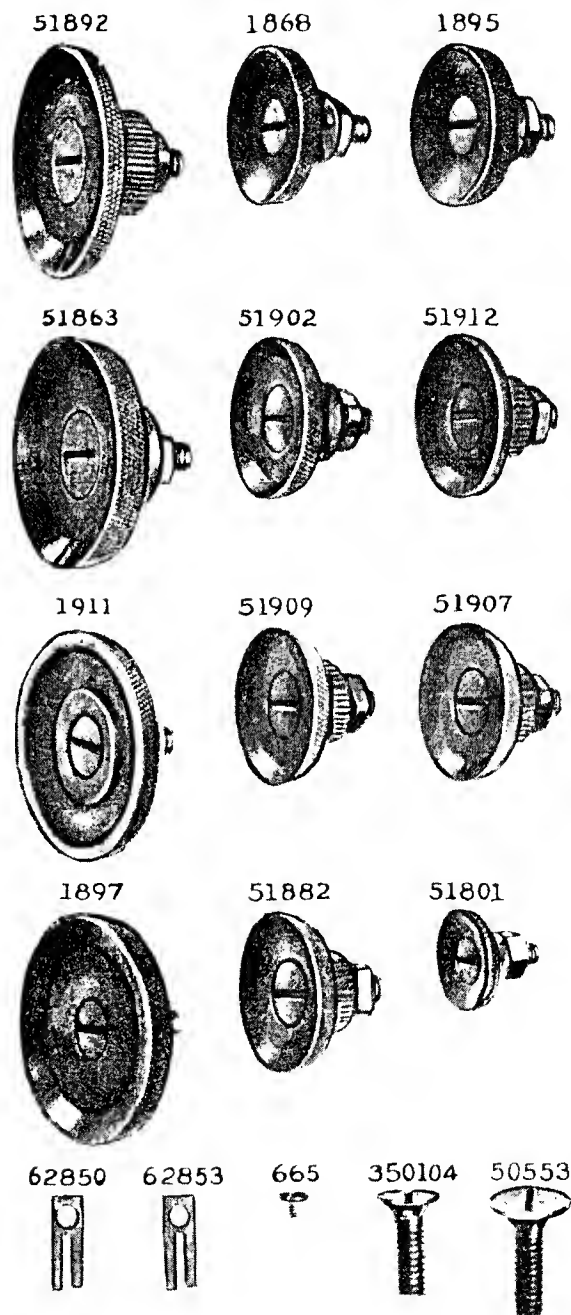


PLATE 8402—FULL SIZE

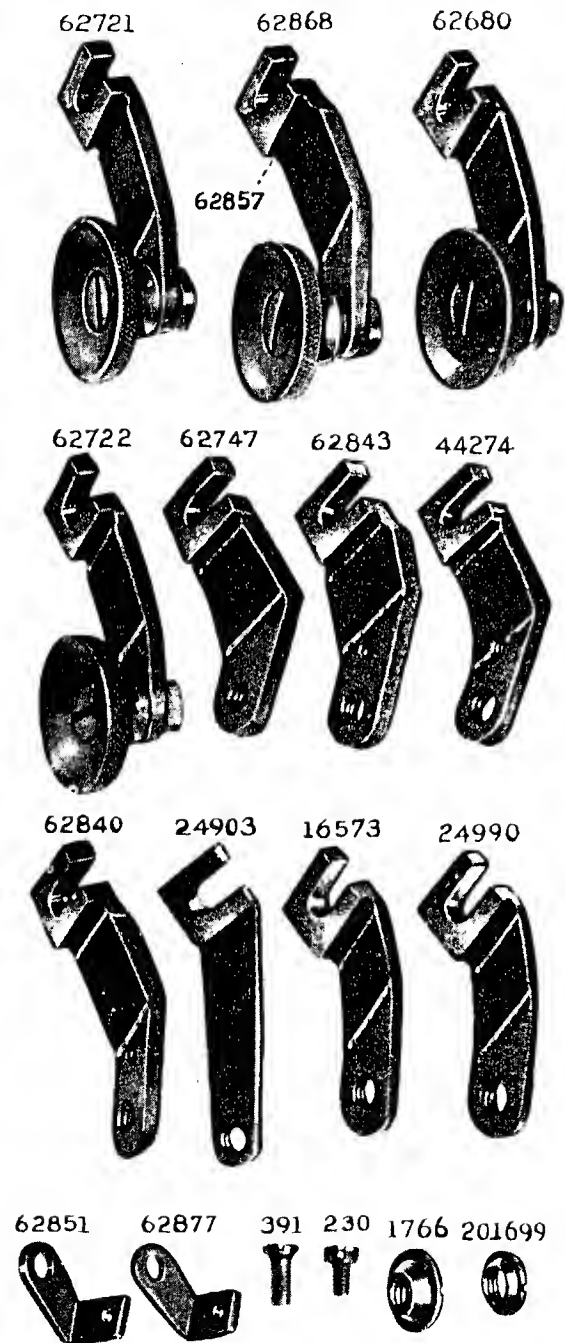
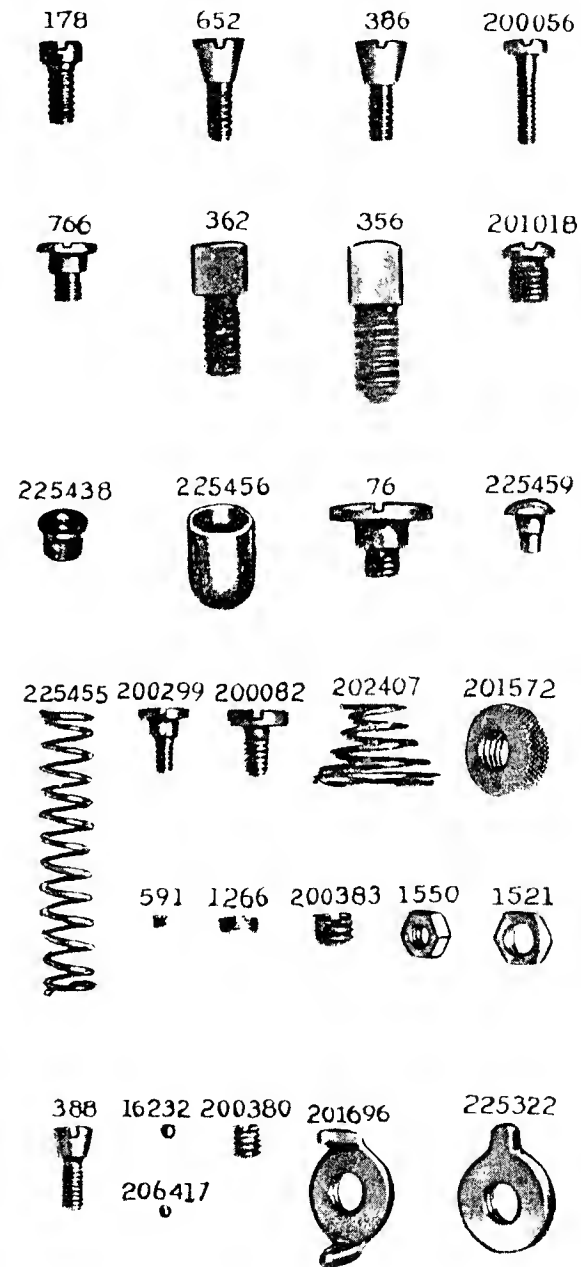


PLATE 8403—FULL SIZE



2778--- 2771 2770

6337 2766 2763

---2765

275382 4885

225433 2767 4881

202473

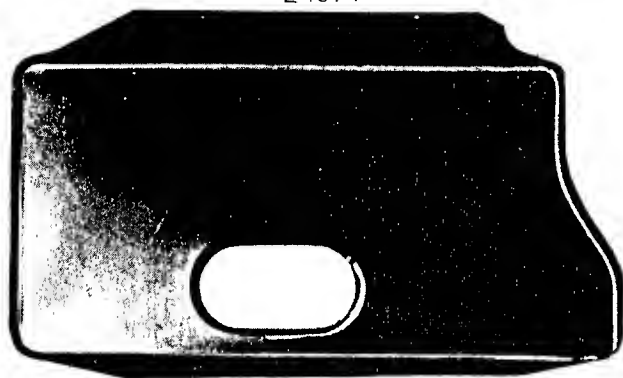
4884

7126 4880 12243

2763 2770 6337

PLATE 8407—ONE-FOURTH SIZE

24079



24908

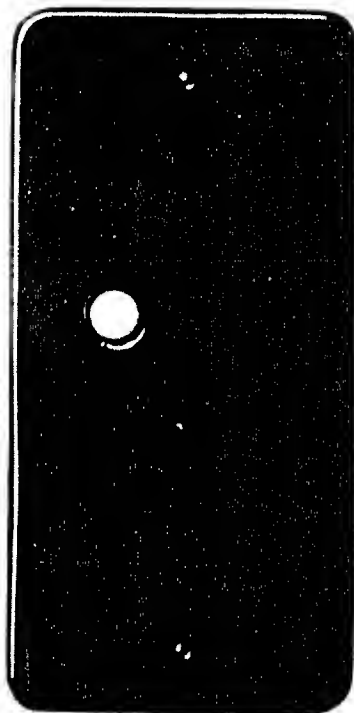
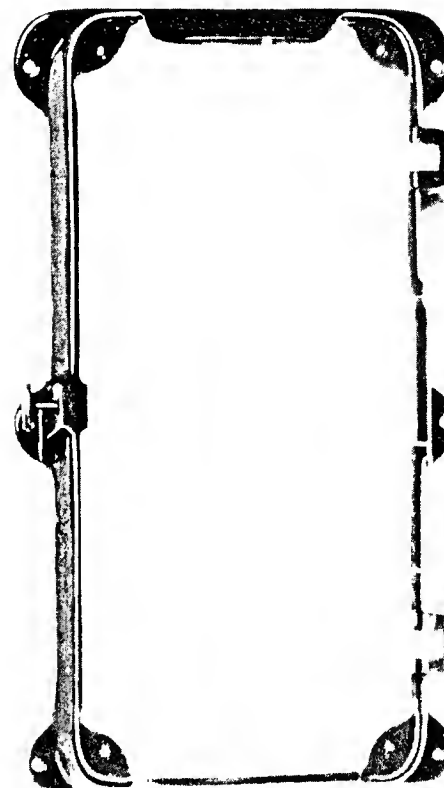
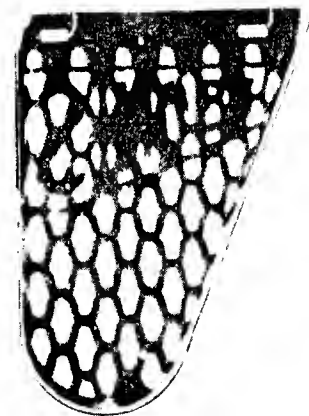


PLATE 8408—ONE-FOURTH SIZE

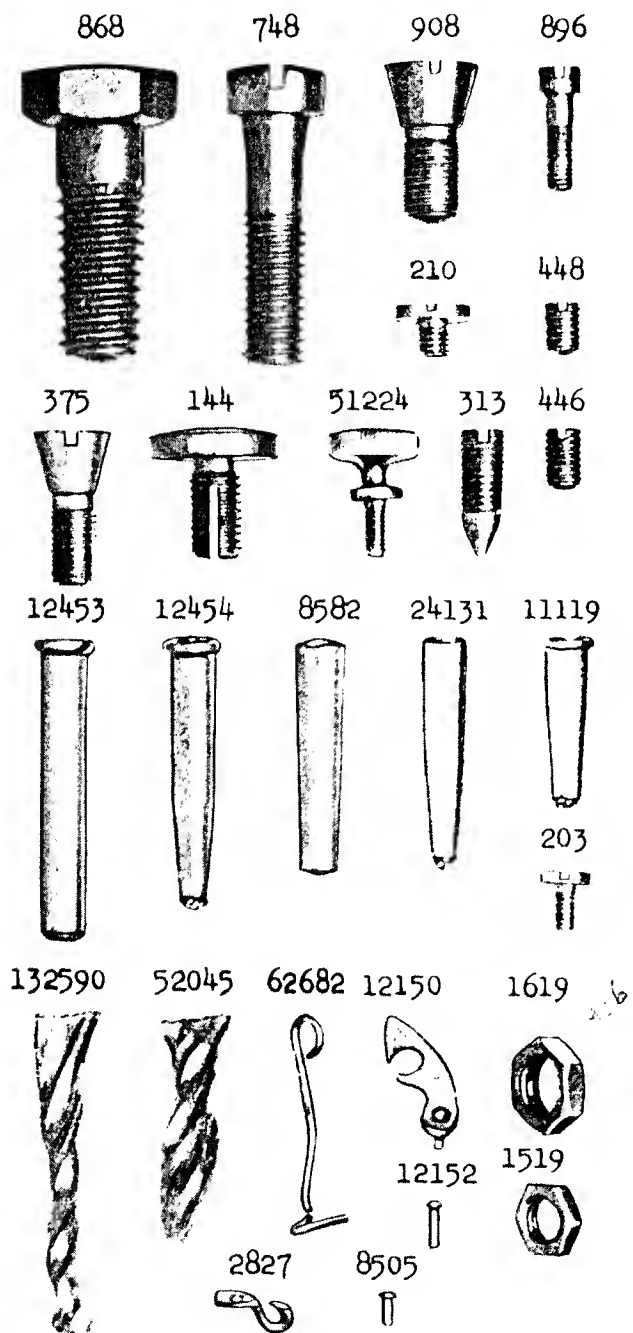
24108



41929



# PLATE 8409-FULL SIZE



# PLATE 8410-ONE-HALF SIZE

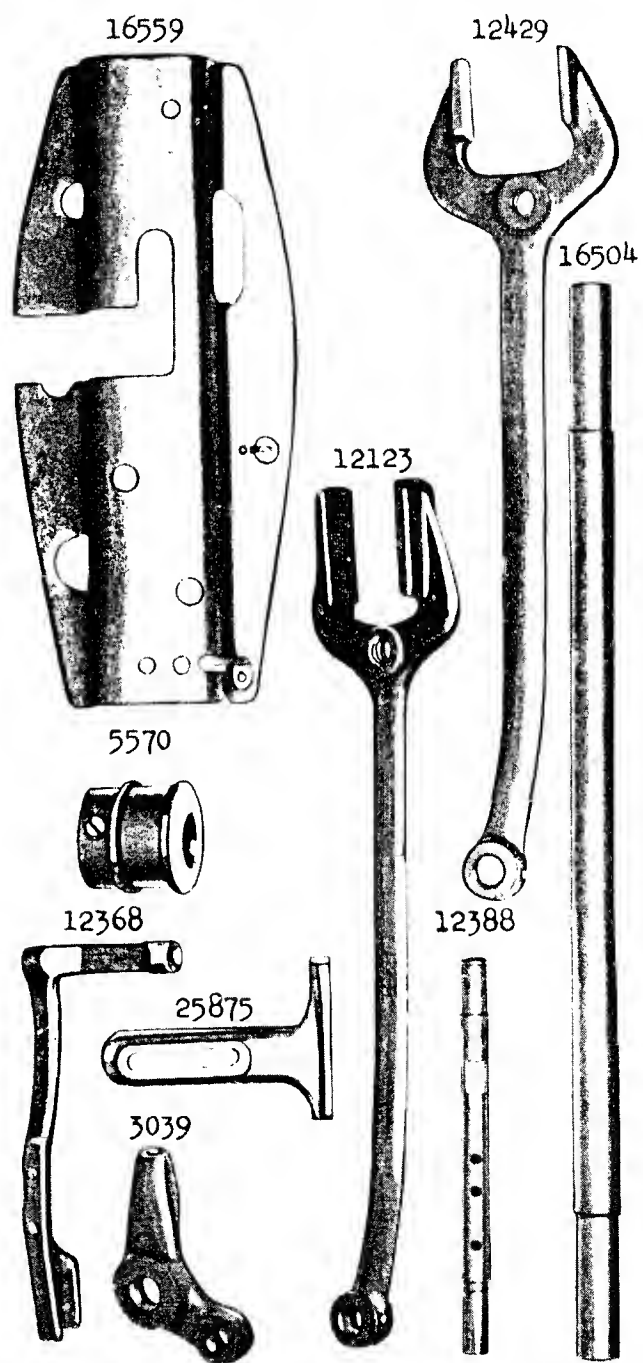




PLATE 8411-ONE-HALF SIZE

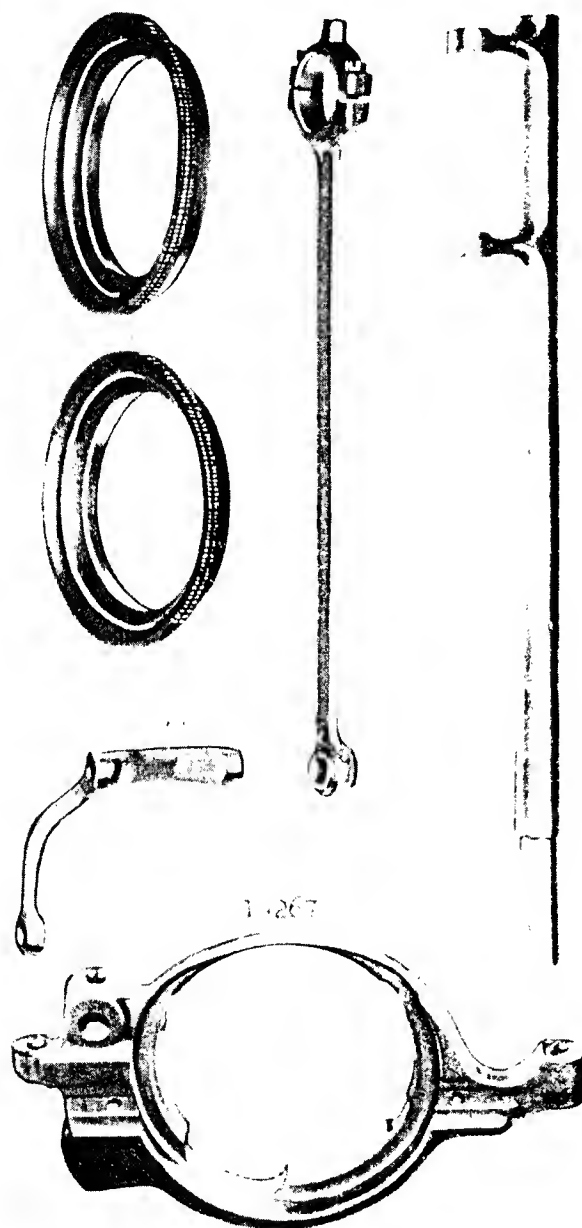
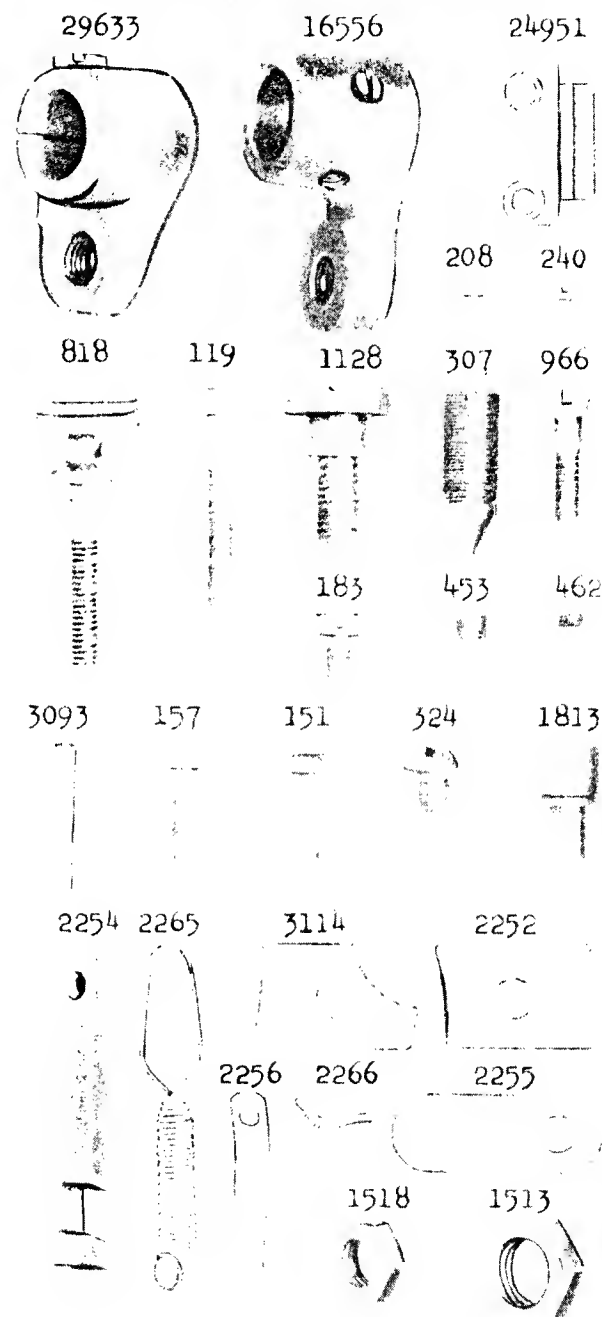


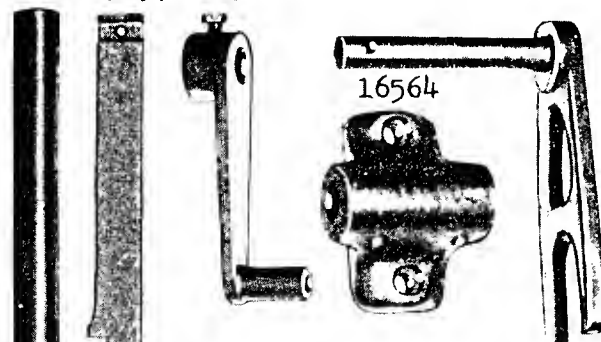
PLATE 8412-FULL SIZE



# PLATE 8413-ONE-HALF SIZE

19268 19297 24431

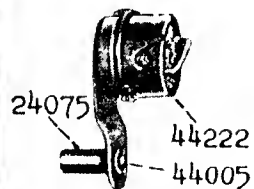
16563



16568 19265 16569



44225



24104



44006



44224



# PLATE 8414-FULL SIZE

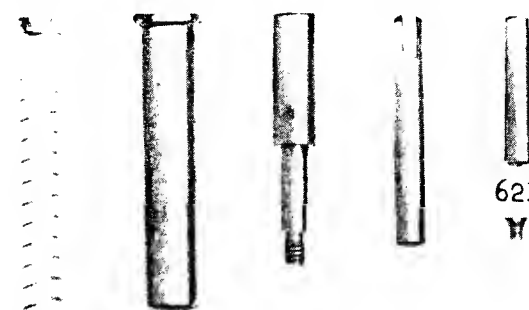
24122

24123

1162

24124

2022



621  
W

442

191

223

335



743

647

794

14026

2301

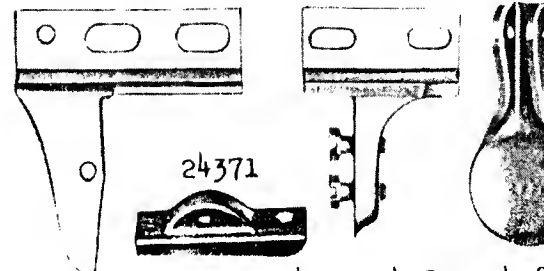
24143



24372

16567

24142

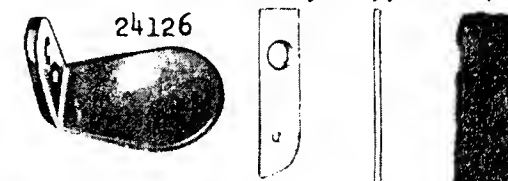


24371

24125

24391

4784



24126

878

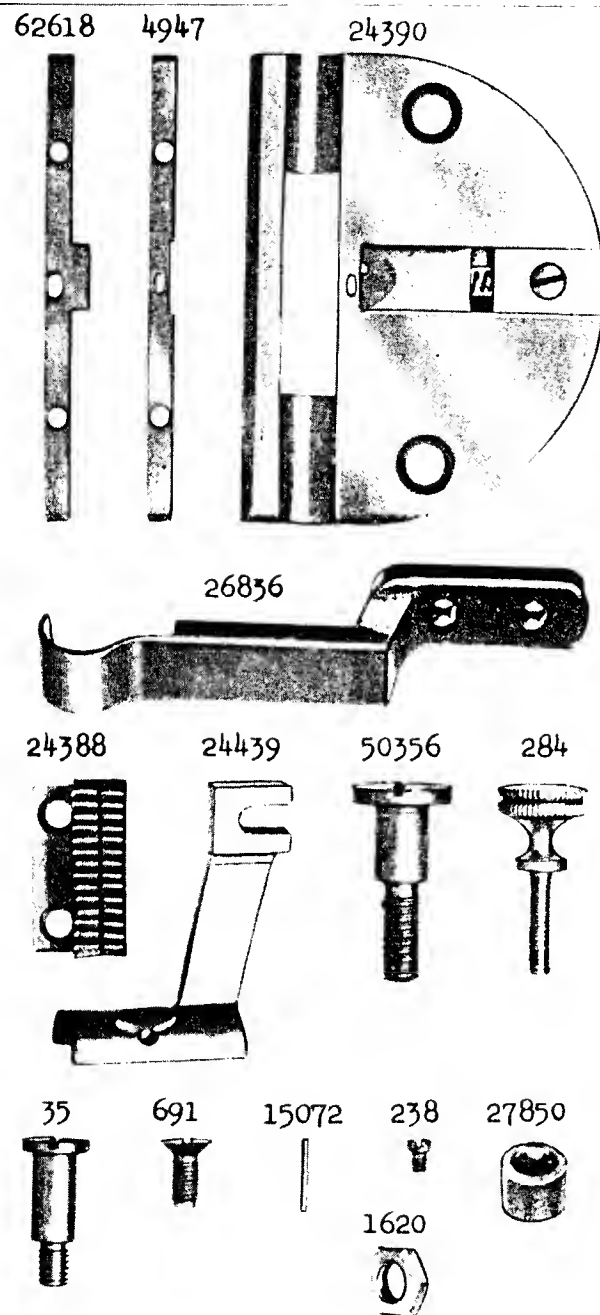
12459

620

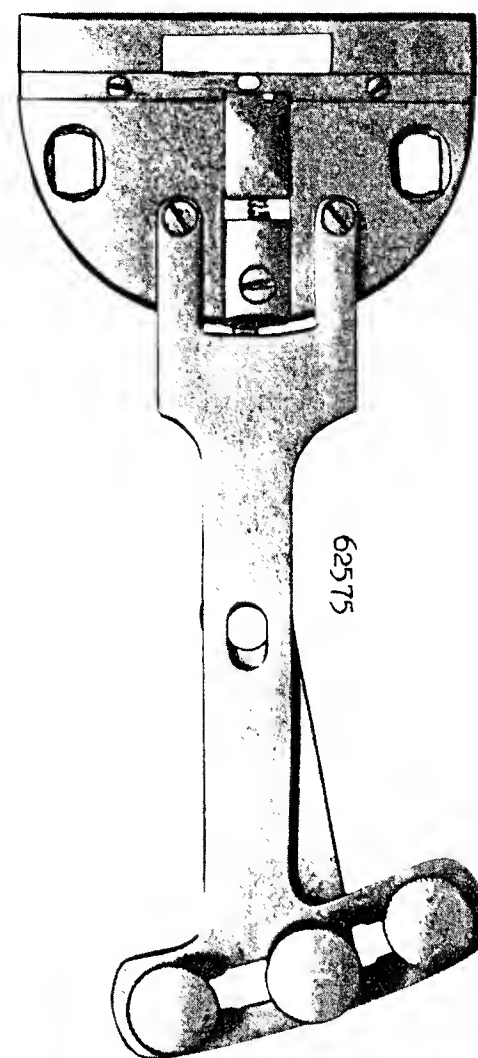
904



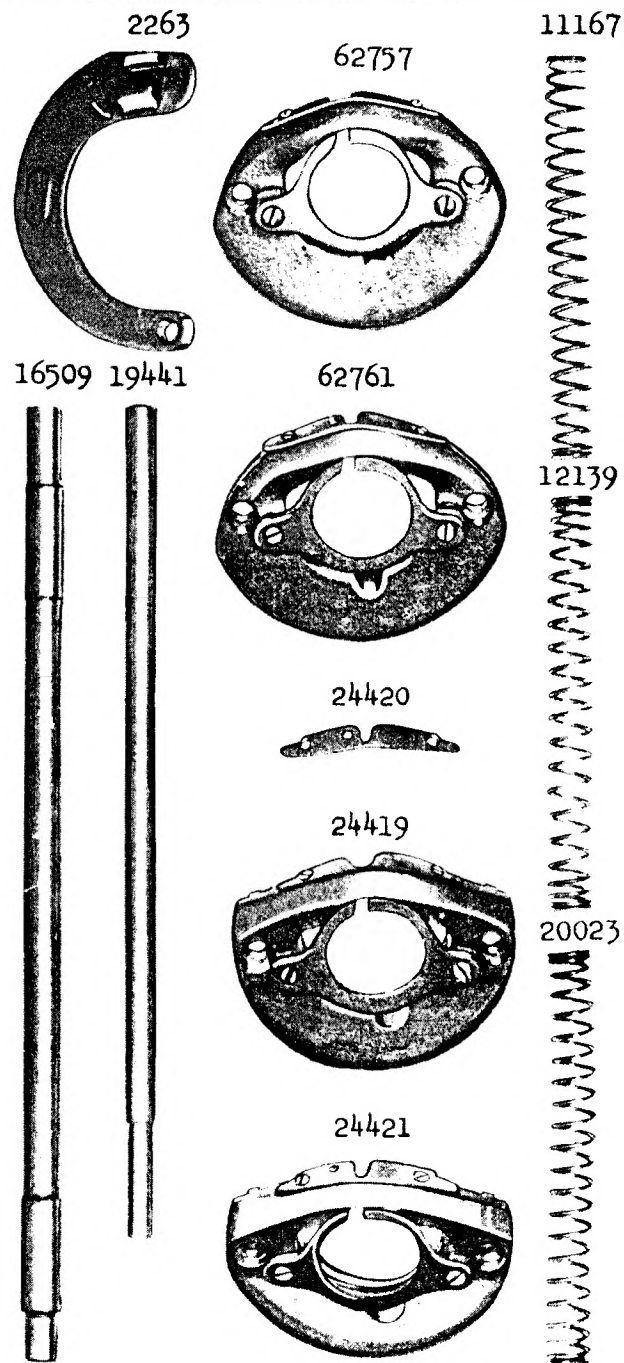
# PLATE 8415-FULL SIZE



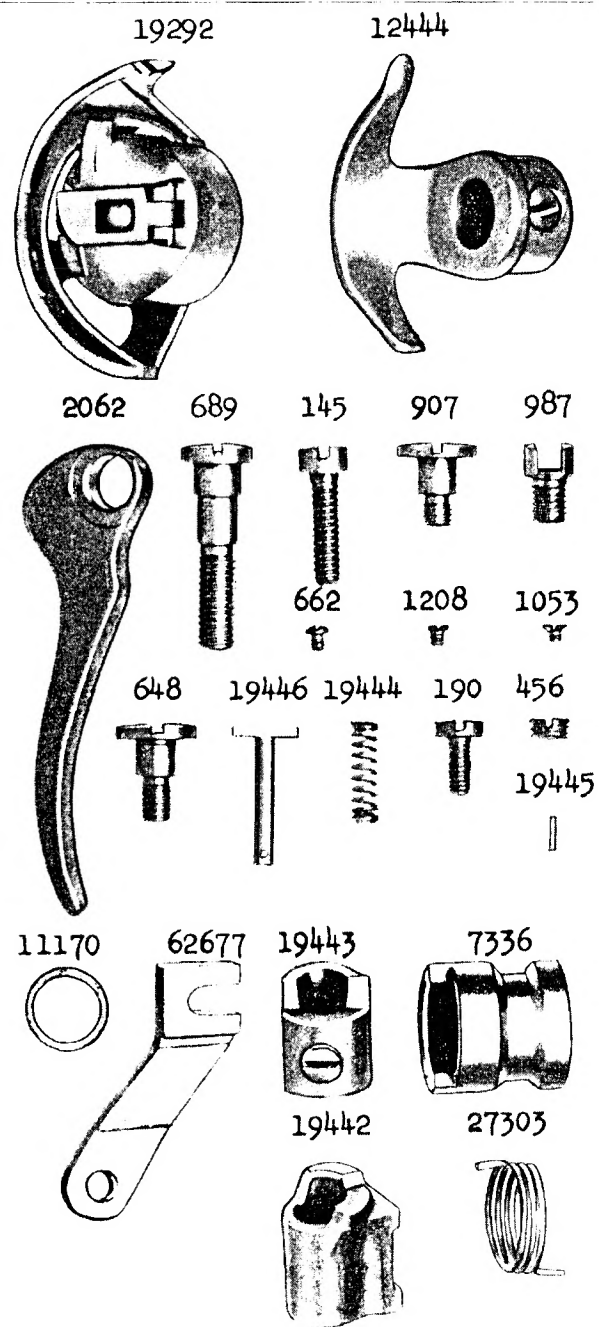
# PLATE 8416-FULL SIZE



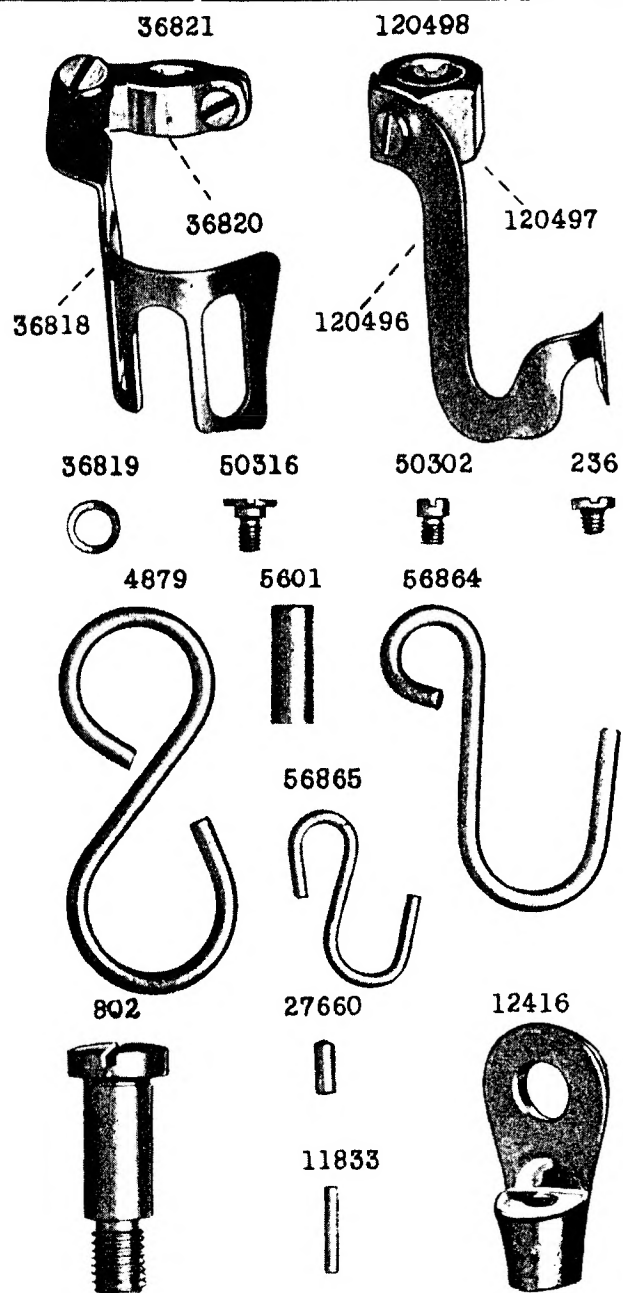
# PLATE 8417-ONE-HALF SIZE



# PLATE 8418-FULL SIZE



# PLATE 8419-FULL SIZE



# PLATE 8420-FULL SIZE

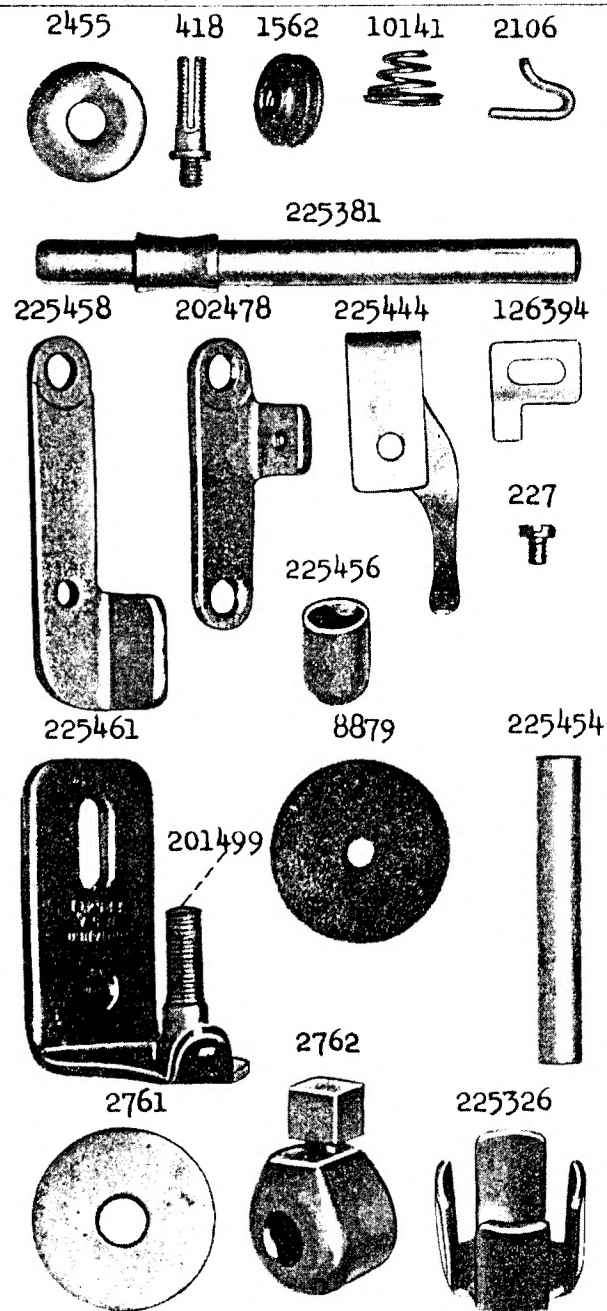


PLATE 8421-ONE-HALF SIZE

16585



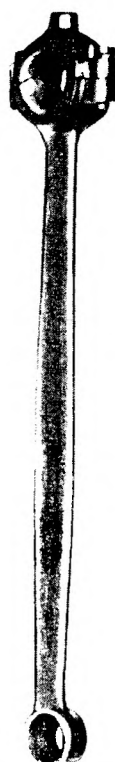
12415



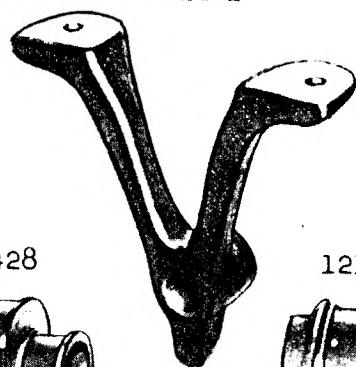
12365



12496



12242



12428



12197

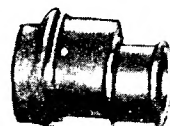
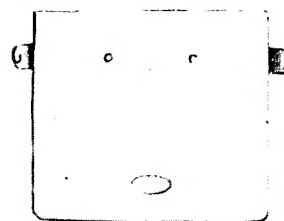
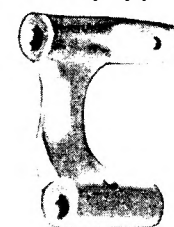


PLATE 8422-ONE-HALF SIZE

12432



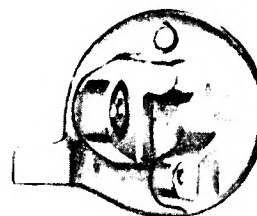
225453



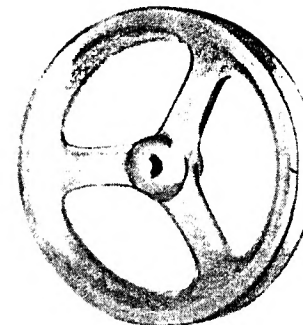
4307



27552



27553



27647

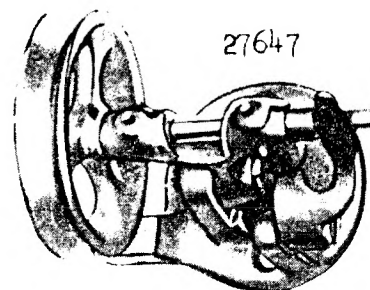
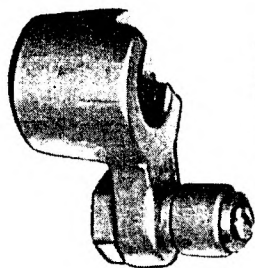


PLATE 8425-FULL SIZE

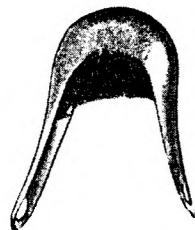
12390



1902



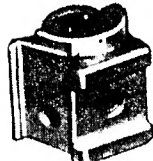
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16571



16574



16575



16576



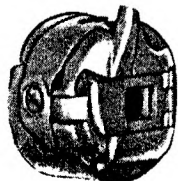
1907



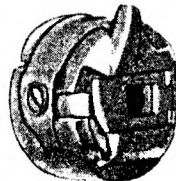
460



19293



24074



12402



430



2972



15003



52378



2526



15098



210958



210993



12401



12400



52398



PLATE 8426-ONE-QUARTER SIZE

10300

